CRAFTSMAN

POWER TOOLS

FOR SHOP and INDUSTRIAL USE

1952

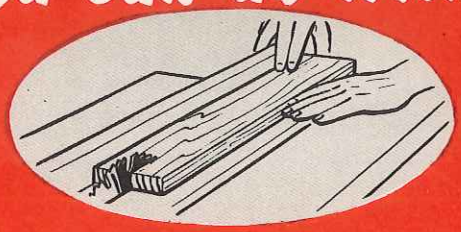
Satisfaction Guaranteed or Your Money Back

Prices shown in this catalog are approximate selling prices. Your nearest Sears Retail Store will furnish you with exact selling prices which will not exceed ceiling prices under applicable price regulation of O.P.S.

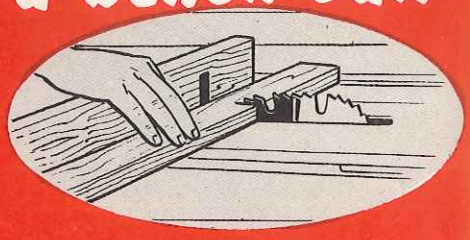
SEARS, ROEBUCK AND CO.

Here's what you can do with a Bench Saw

CROSS CUT



RIP



MITER

$96.50 CASH

Without guard, motor, bench, or table extensions

$10.00 DOWN . . ON EASY TERMS

See top of these two pages for some of the things you can do with this saw. Because of its tilting-arbor features, you can also perform many other useful operations: bevel, edge, and cove cut; rabbet, and tongue- and groove joint; use sanding and grinding wheels (see pages 10 and 41); and cut metals, plastics, brick, stone and concrete with special cut-off wheel (see page 10).

CRAFTSMAN REG. U.S. PAT. OFF. "100" 10-in. Tilting-Arbor Bench Saw

Big . . Husky . . Extra heavy duty . . Has features found in NO other Bench Saw!

By far the finest bench saw we've ever sold! For outstanding quality, mechanically superior features and exceptional performance *all in one saw* . . . we're positive this superb CRAFTSMAN tilting-arbor saw cannot be matched elsewhere today . . . at anywhere near this price! Compare its operating advantages with any other saw, and you'll see why professional craftsmen rely on it constantly for faster, easier, more accurate use in countless shop operations! Precision built . . . meets rigid requirements of industrial shop use.

Massive, extra heavy duty construction! Extra-ordinary accuracy! Improved model, with more rigid saw base and stronger motor support, with new pivot arm for smoother operation. New tension device between motor mounting plate and support reduces transmission of vibration and jumping of motor.

Table never tilts . . . work always lies flat! Motor, blade and arbor tilt together as a unit, any angle up to 45 degrees; belt never twists. Blade raises and lowers to vary depth of cut from 0 to 3⅜ inches.

Sealed precision ball bearings; lubricated for life! Extra-large 27x20-in. heavy cast semi-steel table; precision ground; grooved on both sides of blade. Working area in front of blade now 13⅛-in. Rip fence usable on either side of blade *clear to table edge*. Single control lever locks fence at BOTH ends (NOT just in front). 10-in. combination rip and crosscut blade (⅝-in. bore) gives full 3⅜-in. depth of cut. See specification table on opposite page. Blade, miter gauge, stop rods, rip fence, machine and motor pulleys and V-belt included. Guard assembly not included (see 9 A 2791 on opposite page).

99 AM 2752—Without guard assembly, motor, side extensions, or bench. Shipping weight 157 pounds **$96.50**

99 AM 2753—With CRAFTSMAN ¾-H.P. 3450 R.P.M. ball-bearing capacitor motor (for 110–120 volt 60-cycle A.C.). Shipping weight 201 pounds..... **$135.95**

99 AM 2754—With CRAFTSMAN 1-H.P. 3450 R.P.M. ball-bearing capacitor motor (for 115–230 volt 60-cycle A.C.). Shipping weight 207 pounds..... **$149.95**

99 A 02769—Side Table Extension. For above. (2 shown on saw). Use on either side of table. Cast semi-steel; grid type. Widens table 10 in. With bolts and rip fence rack extension. Size 27x10 in. Shipping weight 20 pounds..... Each .. **$10.50**

99 A 02140—Power Tool Bench. (Described on page 9.) 18 in. long. Height adjustable. With 2 cross slide-rails. Shipping weight 24 pounds..... **$12.50**

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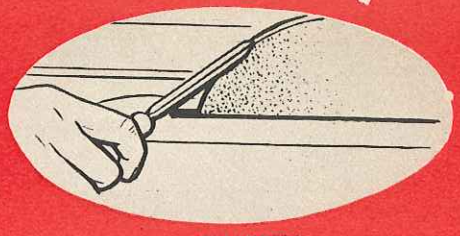
..the most useful tool in your workshop!

DADO

SAND



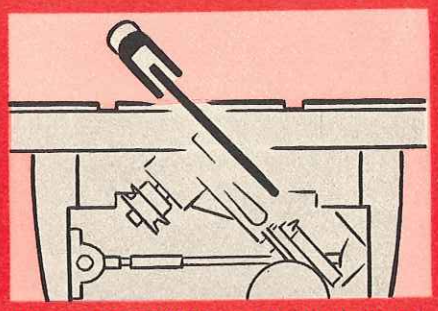
SHARPEN

CRAFTSMAN REG. U.S. PAT. OFF.

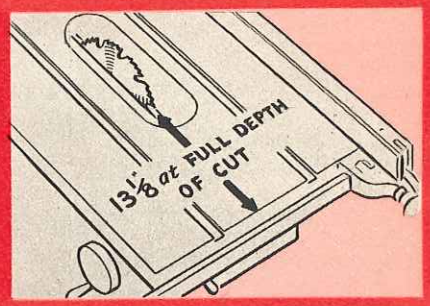
THE RIGHT WAY TO SAY

HARDWARE AND TOOLS

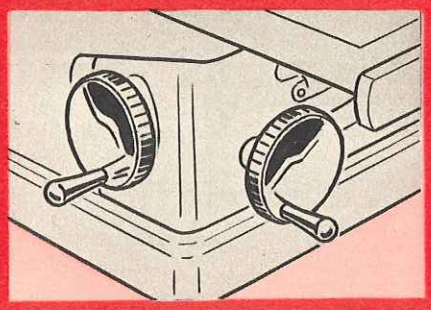
You'll do faster, easier, more accurate work because of these improved CRAFTSMAN "100" Bench Saw Features!



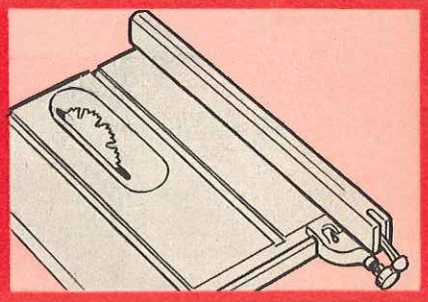
WORK STAYS LEVEL! No more holding lumber at an awkward, uncomfortable angle! Blade and guard (NOT table and work) tilt any angle up to 45 degrees; making saw more useful, work much more accurate, faster, easier! No twisted belt; motor tilts with blade!



WORK AREA INCREASED! This great saw now has increased working surface from blade to front of table . . . now 13⅛ inches at full depth of cut! This lets you cut 12-inch boards *with little or no front overhang;* is much handier, and makes your work more accurate!



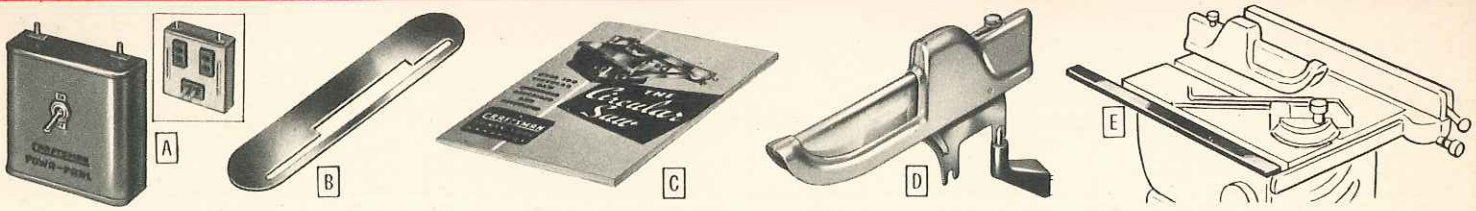
HAND WHEEL CONTROLS CONVENIENTLY LOCATED! Both depth of cut and angle of tilt controlled by easy-acting hand wheels, at or near front of saw. Handles in wheels rotate. Both controls have accurate gauges. This efficient design insures faster, easier, better operation.



RIP FENCE IS HANDIER! Improved rip fence is usable on either side of blade *clear to table edge,* even using table extensions. Single control at front, locks fence at both ends (NOT just in front, as on some saws); gives rip fence greater rigidity and accuracy!

SPECIFICATIONS

- Depth of cut, maximum.....3⅜ inches
- Type of blade.....Combination
- Blade size.....10-inch diameter; ⅝-inch bore
- Table size.....27 inches long; 20 inches wide
- Table height.....12 13/16 inches
- Table tilt (maximum).....45 degrees
- Length of fence.....32¾ inches
- Base size.....14⅞ inches wide; 16 37/64 inches long
- Dado capacity (using 6-in. dado saw):
  width.....13/16 inches
  depth.....1⅜ inches
- Bearings.....2 sets sealed, lubricated for life
- Blade speed.....9000 peripheral feet per minute (approx.)
- Arbor speed recommended.3450 R.P.M.
- Motor recommended (minimum)....¾-H.P. 3450 R.P.M.
- Machine pulley (included)..2½ inches
- Motor pulley (included)....2½ inches
- V-belt (included).....43 inches long; ½ inch wide
- Mounting dimensions (hole centers).....11¾ x 13 7/16 in.
- Over-all dimensions. Height18½ inches; width 21½ inches; length 33⅜ inches



Accessories for CRAFTSMAN "100" Tilting-Arbor Bench Saw

A **CRAFTSMAN Powr-Panl.** A convenient, safe way to hook up motor, or motor and tool light, for your power tools! Just mount Powr-Panl on bench. Protects operator from reaching over moving parts to turn motor on or off. Fits Power Tool Benches on page 9; also has brackets for adapting to other metal or wood benches. **UL approved.** 1-H.P. rated switch. Has one double-prong receptacle for receiving power, and 2 cube taps for plugging in motor and tool light.
9 A 2120—125–250 volts A.C. or D.C. Shpg. wt. 1 lb...**$3.95**

B **Dado Insert.** For 99AM2752 bench saw on opposite page.
9 A 2212—Shipping weight 8 ounces.....Each **90c**

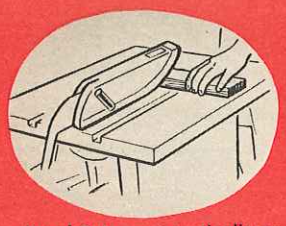
C **"The Circular Saw" Instruction Book.** A handy 32-page manual of operation, with over 150 illustrations. Shows you how to get the most out of your bench saw, electric hand saw, swing saw, builders' saw, and radial saw. Explains clearly how to make 30 different wood joints. An easy-to-follow, invaluable workshop aid.
9 A 2926—Shpg. wt. 2 oz.....**25c**

D **Saw Guard Assembly.** For 99AM2752 saw on opposite page. Automatic leveling guard tilts with blade; has transparent plastic insert . . . protects operator . . . permits him to see work. Complete with guard, splitter, splitter bracket, and non-kickback pawls.
9 A 2791—Shpg. wt. 6 lbs.**$8.95**

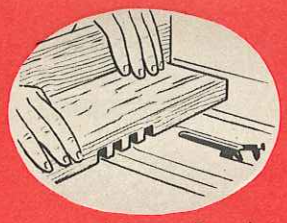
E **Table Extension Bracket.** For mounting wood side extension on 10-inch saw 99AM2752 on opposite page. Can also be used on 8-in. saw models 113.27580, 113.22400, or 113.22401. Enables you to make your own table extension. Shpg. wt. 8 oz.
9 A 2253.....Each **90c**

Sears Easy Terms make it easy to pay for your CRAFTSMAN Saw as you use it! See inside back cover.

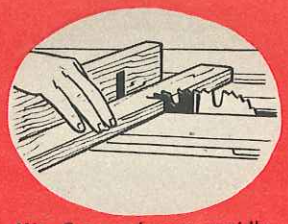
You can do all of these operations . . and many more . .



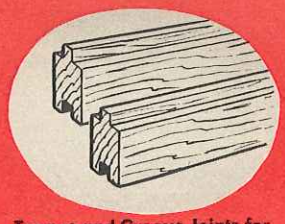
Bevel Cuts are practically as simple as standard ripping and crosscutting operations.



Dado and Groove Cuts—just remove table insert—use dado saw in place of the blade.

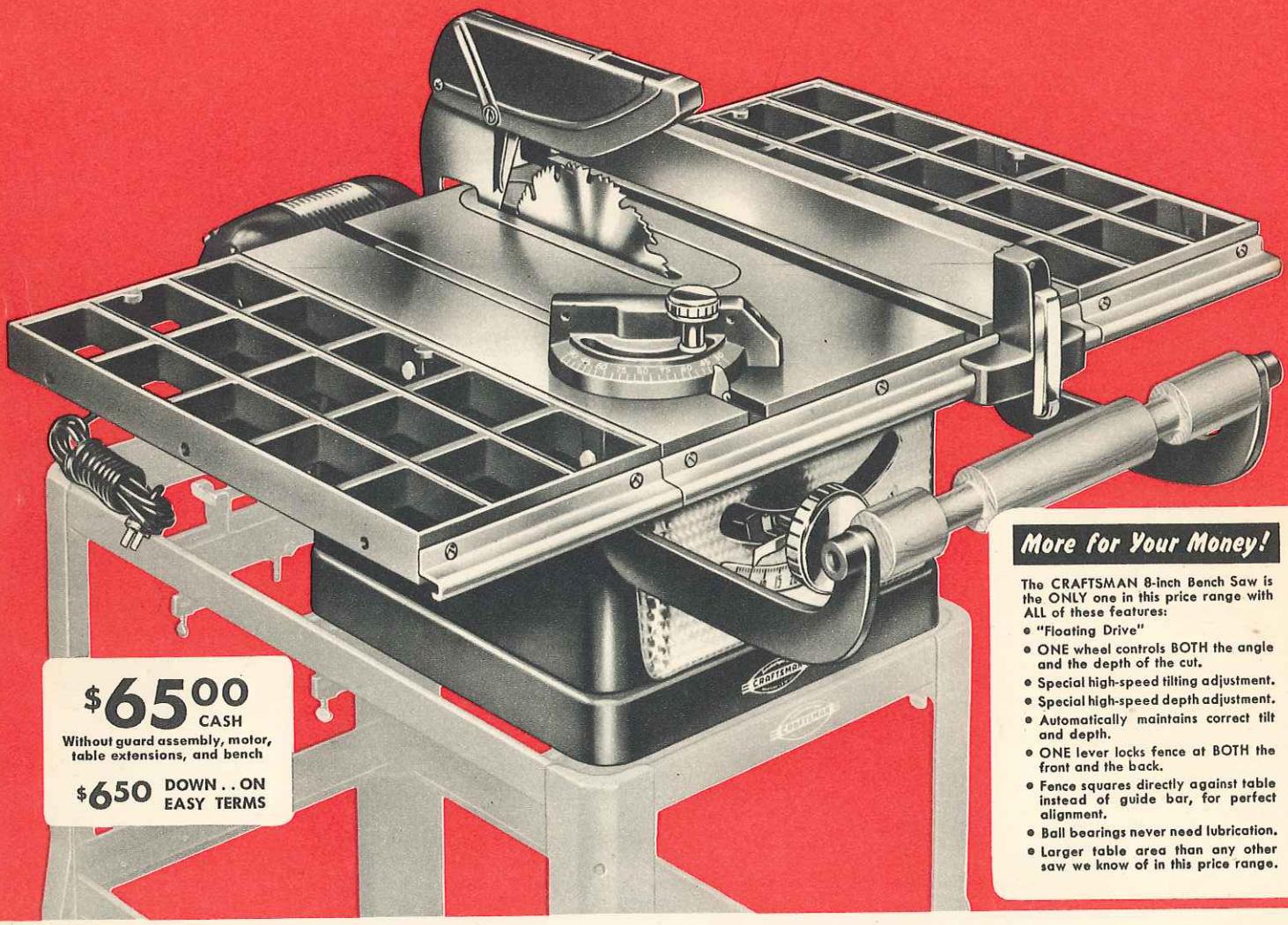


MiterCuts made very rapidly. Miter gauge assures accuracy for perfect-fitting joints.



Tongue and Groove Joints for flooring, siding, etc., are simple with use of a dado head.

Edge Cutting is very easy with standard equipment plus simple auxiliary supports.



$65.00 CASH
Without guard assembly, motor, table extensions, and bench

$6.50 DOWN . . ON EASY TERMS

More for Your Money!

The CRAFTSMAN 8-inch Bench Saw is the ONLY one in this price range with ALL of these features:

- "Floating Drive"
- ONE wheel controls BOTH the angle and the depth of the cut.
- Special high-speed tilting adjustment.
- Special high-speed depth adjustment.
- Automatically maintains correct tilt and depth.
- ONE lever locks fence at BOTH the front and the back.
- Fence squares directly against table instead of guide bar, for perfect alignment.
- Ball bearings never need lubrication.
- Larger table area than any other saw we know of in this price range.

CRAFTSMAN REG. U. S. PAT. OFF. "80" 8-inch Tilting-Arbor Bench Saw

We've made many careful comparisons, and sincerely believe there is NO other bench saw in this price range which matches this superb CRAFTSMAN saw in quality, features, accuracy, and size. Massive, heavy duty construction throughout. Easily meets the most rigid requirements of amateur and professional craftsmen and large woodworking shops. Has exceptional accuracy in operation because of the very close machining tolerances maintained in manufacture. Has features and operating advantages you'll find in no other bench saw!

New-type motor mount. Motor is mounted in a special support on the bench behind the saw. This stops transmission of motor vibration to the saw by eliminating any mechanical connection. Minimizes the strain on the frame and the arbor of the saw, since practically all motor weight rests on the motor mount itself. Eliminates need for using a special motor. Makes it easier to tilt blade because motor is not lifted, but is moved horizontally.

Big 20x17-inch table of heavy cast semi-steel. The surface is precision ground and all sides are completely machined. Table has replaceable insert for dadoing, sanding or grinding. Grooved on both sides of blade for use of miter gauge.

Many other quality features. Because of a special mechanical arrangement the arbor is tilted more rapidly than on ordinary tilting-arbor saws, without any loss of accuracy. Automatic-leveling guard tilts with saw blade; has non-kick-back pawls and splitter. Entire guard assembly is easily and quickly removed if desired. One end of the miter protractor has been beveled so that it may be used over the full length of the table when the saw blade is tilted to 45 degrees. Fence is made of tempered aluminum; carefully ground for trueness. Depth-of-cut and angle-of-tilt gauges easily read from normal operating position. 2-in. machine pulley, 2½-in. motor pulley and ½x40-in. V-belt are included.

Specifications: 2½-in. maximum depth of cut; Dado capacity (maximum, with 6-in. head)—width 15/16-in., depth 1½-in.; Combination-type blade, 8-in. diameter and ½-in. bore; Double-row precision ball bearings; Recommended arbor speed (approximately) 4500 R.P.M.; Motor recommended (minimum)—½-H.P. 3450 R.P.M.; Mounting dimensions (bolt holes)—11 9/16x11 5/16 inches, (extremes of saw and motor brackets)—19 11/16x15 11/16 inches; Overall dimensions—height 14⅞ in., width 17 in., length 26 7/32 in.

99 AM 2216—Without guard assembly, motor, table extensions, and bench. Shipping weight 68 pounds **$65.00**

99 AM 2217—With CRAFTSMAN ½-H.P. 3450 R.P.M. ball bearing capacitor motor. (110–120 volt. 60-cycle A.C.) Shipping weight 105 pounds **$93.95**

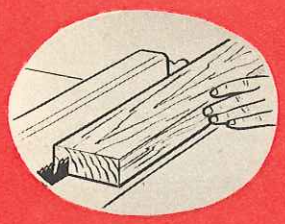
99 AM 2218—With CRAFTSMAN ¾-H.P. 3450 R.P.M. ball bearing capacitor motor. (110–120 volt 60-cycle A.C.) Shipping weight 112 pounds ... **$100.95**

99 A 02417—**Side Table Extension.** (2 shown on saw.) For either side. Grid-type; semi-steel. Each extension widens table 8½ in. With bolts and fence extension. Size: 8½x20 in. Shipping weight 13 pounds ..... Each ... **$7.40**

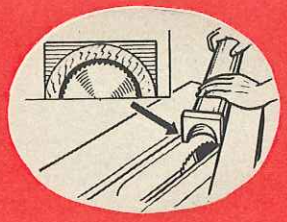
9 A 2356—**Front or Rear Table Extension.** (Shown on saw.) Roller type. Won't disturb rip fence use. Bolts included. Shipping weight 7 pounds **$4.25**

99 A 02134—**Power Tool Bench.** The sliding rails make it possible to use this bench with almost any bench type power tool. See page 9 for complete description. Shipping weight 28 pounds **$13.95**

with this CRAFTSMAN Bench Saw and the proper accessories!

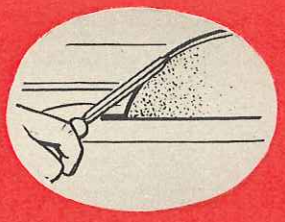


Rabbet Cuts made easily. Use either the rip fence or the miter gauge as a guide.



Cove Cuts—feed the work at an angle to the blade. Take light cuts to desired depth.

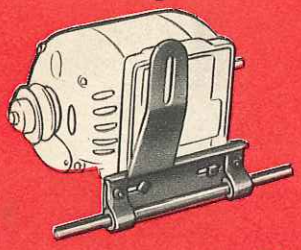
Metal-Cutting—use a cut-off wheel. Will also cut concrete, plastic, brick, glass, etc.



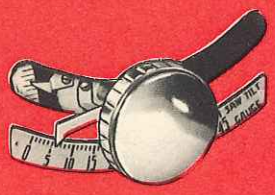
Grinding and Sharpening—use a grinding wheel in place of the blade.

Sanding Work of all kinds. Use a sanding plate in place of the saw blade.

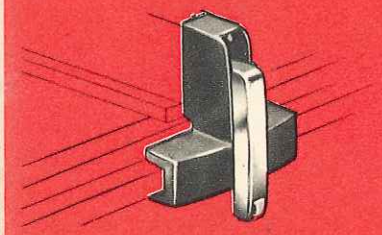
Man! It has double-row sealed precision ball bearings AND 3 more top quality features:



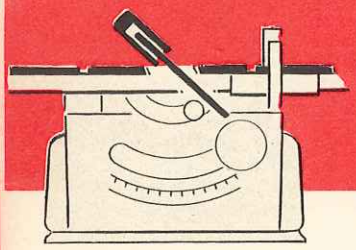
1. Motor is mounted on a special support on the bench behind the saw. This means smoother operation, easier tilting, and greater protection of motor from sawdust. A special motor is not necessary. Floating motor mount automatically controls belt tension for most efficient operation.

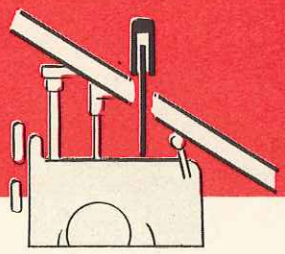


2. Tilting, raising and lowering of the blade are all controlled by one single hand wheel, located in a handy position at the front of the saw. Just move the wheel in or out to change from one control to the other. This means much more convenient operation in adjusting depth and angle of cut.



3. Perfect alignment of the fence is assured at all times because the control squares against the front of the table, rather than against a guide bar. A single lever locks fence against BOTH ends of table. The fence can be used on either side of the blade on this bench saw.





Here's why tilting-arbor saws assure better work

On a tilting-arbor saw, the table is always level and work lies flat, regardless of the angle at which the board is being cut. For this reason, sawing on a tilting-arbor bench saw is ALWAYS faster-easier—better—more accurate.

On a tilting-table saw, it is often difficult to hold the work in the correct position, as it tends to slide toward lower side of table. Long boards are very hard to work on—sometimes hit the ceiling.

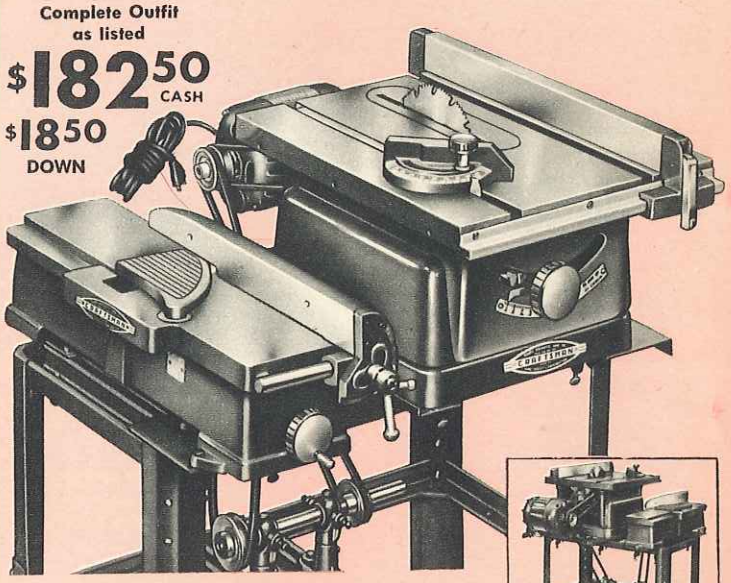
Double Utility

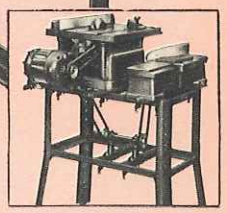
New CRAFTSMAN Power Tool Combination

Complete Outfit as listed

$182.50 CASH

$18.50 DOWN





CRAFTSMAN 8-in. Tilting Arbor Bench Saw and 4⅜-in. Jointer

NOTHING LIKE IT—the most useful, space saving combination we've ever seen! Make all saw cuts with lumber in level position **AND** plane and joint without moving to another bench. Also, you save money. No need to buy a second motor and bench.

CRAFTSMAN 8-in. Tilting-Arbor Bench Saw. Same saw as on opposite page but with miter gauge, fence, machine pulley, motor pulley, belt with "Floating Drive". ONE wheel controls BOTH angle and depth of cut. 20x17-in. table of cast semi-steel. Precision ground; sides machined. Grooved on both sides of blade for miter gauge. 9⅛-in. in front of blade at full depth of cut. Use fence on either side of blade. Double-row sealed ball bearings NEVER need lubrication. 8-in. combination blade (½-in. bore) gives up to 2½-in. depth of cut; tilts any angle to 45°.

CRAFTSMAN 4⅜-in. Jointer-Planer. Massive, cast semi-steel base extends full length of tables. Over-all length 29 7/16 in. Precision ground tables. Steel cutter head has three 4⅜-in. high speed steel knives. Maximum depth of cut ⅜-in.; rabbet depth ⅜-in. Fence tilts up to 45° in either direction. 2-in. machine pulley supplied.

Also: (1) CRAFTSMAN ½-H.P. Capacitor Motor; 3450 R.P.M. For 110–120-volt, 60-cycle A.C. (2) Steel Power Tool Bench; 30 in. long; 16¼ in. wide. Adjustable for any height from 22 to 32 in. (3) Jack Shaft Kit: shafting, pulley, belts, shaft hangers and attachment plates.

99 AM 1207—Complete Outfit. Shipping weight 217 lbs. **$182.50**

99 A 02749—Jack Shaft Kit only. For bench Saw and Jointer-Planer. Shipping weight 22 pounds **18.95**

Accessories for the CRAFTSMAN "80" 8-inch Bench Saw

Instruction Book

Complete, up-to-date book of instructions for all circular saw owners. Has 32 pages and over 150 illustrations! With this book you can be sure that you will get the most out of your bench saw, electric hand saw, swing saw, builders' saw or radial saw. Send for your copy of this instruction book today! Shipping weight 2 ounces.

9 A 2926 ..... Only 25c

Dado Insert

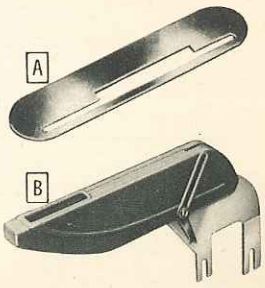
[A] For use on the CRAFTSMAN Model "80" 8-inch Tilting Arbor Bench Saw when doing dado work. Strongly made of steel.

9 A 2405—Shipping weight 12 ounces ..... Only **$1.10**

Saw Guard Assembly

[B] For use on the CRAFTSMAN Model "80" 8-inch Tilting Arbor Bench Saw. Complete with guard, splitter, non-kickback pawls.

9 A 2774—Shipping weight 2 pounds ..... Only **$3.50**



Buy NOW . . . use Sears Easy Payment Plan. See inside back cover for details

A

$49.50 Cash

Without motor, bench or table extensions

$500 DOWN . . . ON EASY TERMS

Blade tilts instead of table. Table is ALWAYS level, work lies flat regardless of angle at which wood is being cut . . . means faster, more accurate work.

"Circular Saw" Instruction Book included with Bench Saws A and B.

Crosscut Blade

Rip Blade

Dado Cutters

Replacement blades are available for these bench saws. High quality 8-inch replacement blades can be found on page 11 of this catalog. Dado cutters are on page 10 of this catalog.

B

$36.50 Cash

Without motor, bench or table extensions

$400 DOWN . . . ON EASY TERMS

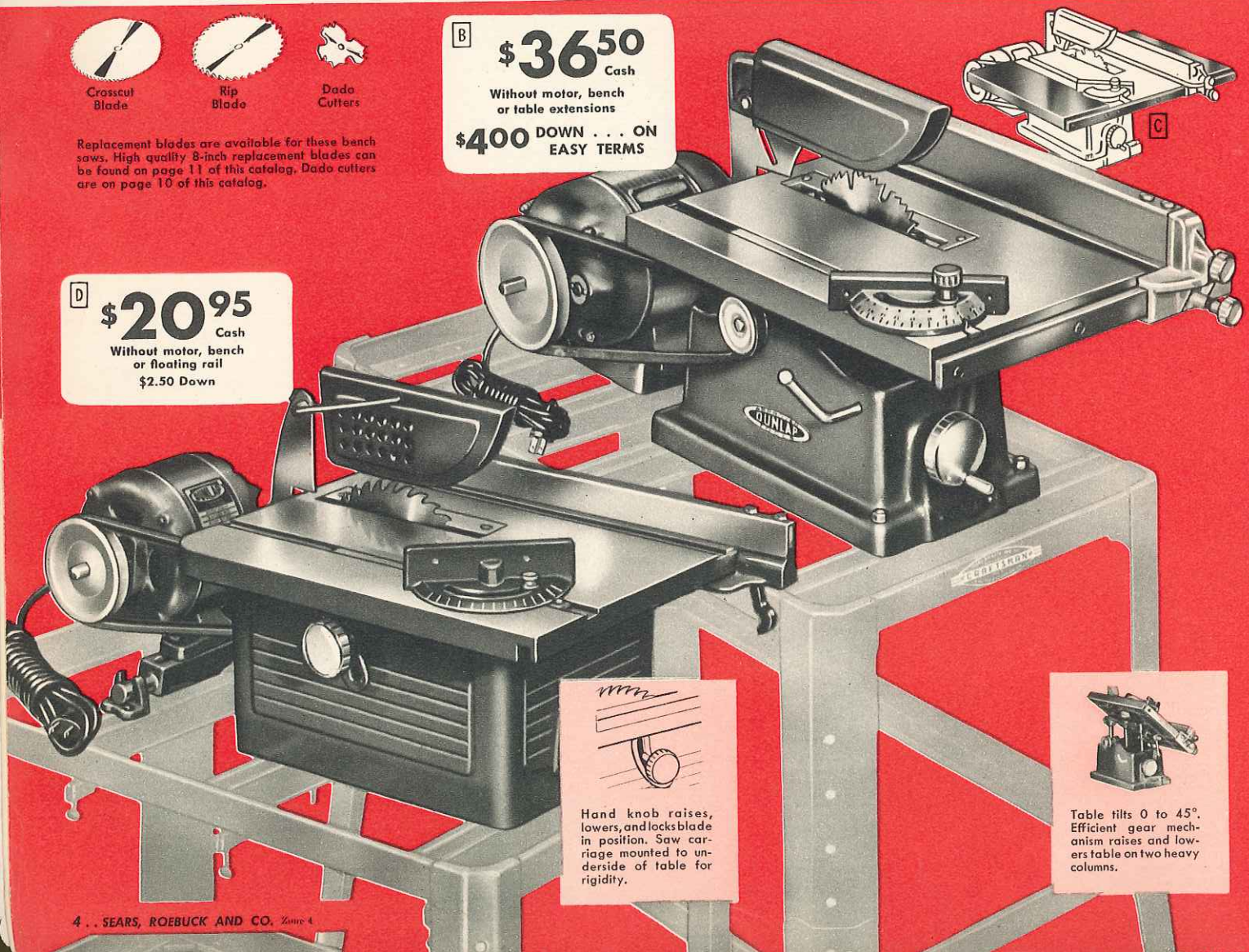
C

D

$20.95 Cash

Without motor, bench or floating rail

$2.50 Down



Hand knob raises, lowers, and locks blade in position. Saw carriage mounted to underside of table for rigidity.

Table tilts 0 to 45°. Efficient gear mechanism raises and lowers table on two heavy columns.

DUNLAP Tilting-Arbor Bench Saw
REG. U. S. PAT. OFF.

[A] New! A sensational value for an 8-inch tilting-arbor bench saw . . . one of our finest offerings, ever! New and better methods of manufacture make possible this amazing price. IMPORTANT—don't confuse this great tool with other tilting-arbor saws selling in this price range. Its rugged quality and exceptional accuracy in operation are almost unbelievable!

Floating drive motor mounting supports motor on a special mount on bench behind saw . . . smothers vibration . . . permits easier tilting . . . eliminates need for special motor. (Just slip the belt off, pick up the motor, and use it on other power tools with our regular motor rail clips.)

Super-lubricated sealed precision ball bearings have larger oil chamber than are usually used—NEVER need further lubrication. These double-row ball bearings form integral unit with arbor shaft and prevent misalignment.

Greatly improved fence design. ONE lever locks fence at BOTH front and back. Fence squares directly against front of table instead of usual guide bar, for accuracy. Can be used on either side of blade.

17x14-inch table of cast semi-steel has top AND sides machined. Motor, blade and arbor tilt together to any angle up to 45°; raises and lowers to vary depth of cut; belt never twists.

Not a stripped model—complete with blade, guard, splitter, miter gauge, fence and machine pulley. (Use minimum of ½-H.P. motor; 3450 R.P.M. with 2½ inch pulley, 40-in. belt; or 1750 R.P.M. with 5 in. pulley, 44-in. belt.)

SPECIFICATIONS:

- Depth of cut (maximum) ..... 2¼ inches
- Blade ..... 8-inch combination type with ½ inch bore
- Table size ..... 17x14 inches
- Table size with extensions (not included) ..... 17x28 inches
- Dado capacity (maximum) with 6-inch head; width 13/16 inch; depth 1¼ inch.
- Bearings ..... Prelubricated, sealed for life; double-row precision ball
- Recommended arbor speed (approximate) ..... 4500 R.P.M.
- Motor recommended (minimum) ..... ½-H.P. 3450 R.P.M.; or 1750 R.P.M.
- Machine pulley (included) ..... 2-in.
- Motor pulley (not included) ..... 2½-in. for 3450; 5-in. for 1750
- Mounting dimensions ..... 11¾x19¾ inches
- Over-all dimensions ..... 14⅛ in. high; 14 in. wide; 21¼ in. long

99 A 02424—Without motor, table extensions or bench. Shpg. wt. 48 lbs. **$49.50**

99 AM 2426—With ½-H.P. 3450 R.P.M. ball-bearing capacitor motor (110–120-volt 60-cycle A.C.). 2½-in. motor pulley, 40-in. belt. Shpg. wt. 86 lbs. **$83.50**

9 A 2723—**Side Table Extension.** (2 shown on saw.) For either side. Semi-steel 7-in. wide. With bolts and fence extension. Shpg. wt. 10 lbs. ..... Each **$6.40**

9 A 2722—**Steel Dado Insert.** Shipping weight 7 ounces **95c**

99 A 02134—**Adjustable Steel Power Tool Bench.** Amazingly useful. For almost ANY bench type power tool and motor. Height adjustable 22 to 32 in. 30 in. long; 16¼ in. wide. With 4 slide-rail supports. Gray enameled. Wt. 28 lbs. **$13.95**

DUNLAP Tilting-Table Bench Saw
REG. U. S. PAT. OFF.

[B] 8-inch tilting-table saw—exceptional quality at Sears l-o-w price! 16 3/16 x 12¼-inch table tilts 0 to 45°; insert removable for dadoing. Efficient gear mechanism raises and lowers table on two heavy, precision-ground columns—an important feature for superior operation and more accuracy. Positive locks maintain correct angle and depth of cut. Porous bronze bearings with oil reservoirs around each. Rip fence locks at BOTH ends. Heavy cast semi-steel table and base. Enclosed design for greater safety. With miter gauge, full-floating guard, rip fence, splitter and machine pulley.

SPECIFICATIONS:

- Depth of cut ..... 2½ inches
- Blade ..... 8-inch combination type with ½ inch bore
- Table size ..... 16 3/16 x 12¼ inches
- Table size with extensions (not included) ..... 16 3/16 x 23⅜ inches
- Dado capacity (maximum) with 6-in. head; width 9/16 in.; depth 1½ inches
- Bearings ..... Self-lubricating porous bronze
- Recommended arbor speed (approximate) ..... 4500 R.P.M.
- Motor recommended (minimum) ..... ½-H.P. 1750 R.P.M.
- Machine pulley (included) ..... 2 inch
- Motor pulley (not included) ..... 5 inch
- Mounting dimensions ..... 11 15/16 x 6⅜ inches
- Over-all dimensions ..... 14¾ in. high; 12¼ in. wide; 20 13/16 in. long

99 A 02540—Without motor, motor pulley, V-belt or bench. Wt. 53 lbs. **$36.50**

99 AM 2541—With CRAFTSMAN ½-HP 1750 R.P.M. ball-bearing motor (110–120-volt 60-cycle A.C.). 5-in. motor pulley, V-belt, Shpg. wt. 90 lbs **$68.50**

[C] 9 A 2174—**Table Extensions.** For above. Stamped steel; 5 9/16 x 16 3/16 in. Mount on both sides of table; increase table size to 16 3/16 x 23⅜ in. Rip fence usable entire length. With support bars, fittings. Wt. 6 lbs. Set **$6.75**

99 A 02140—**Power Tool Bench.** (Described on page 9.) 2 extra cross slide rails (listed below) needed when used with above saw. Shpg. wt. 24 lbs. **$12.50**

9 A 2016—**Extra Cross Slide-Rails.** For above bench. Shpg. wt. 3 lbs. Each **75c**

DUNLAP 8-inch economy Bench Saw
REG. U. S. PAT. OFF.

[D] Lowest price we know of for an 8-inch saw of such good quality! NOT a toy—but a well-made efficient saw with a large 17x15-in. smooth ground cast iron table! Porous bronze bearings; oil well between spindle bearings. Saw carriage mounted on underside of table for accuracy and rigidity. One hand wheel raises, lowers, locks 8-in. plain tooth combination rip and cross-cut blade. 8⅜-in. clearance in front of blade. Miter gauge may be used either side. Insert removable for dadoing. Adjustable guard swings up; out of way. Self-aligning rip fence may be used either side; locks at both ends. Neither table nor arbor tilts. Heavy stamped steel base. With guard, miter gauge, splitter, rip fence, blade, instructions.

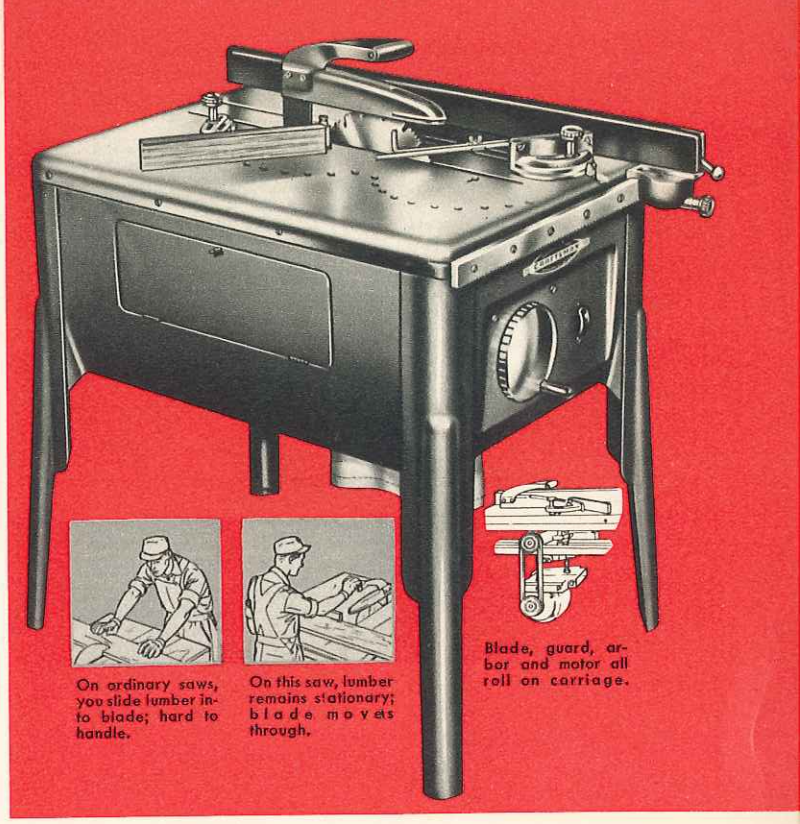
SPECIFICATIONS:

- Depth of cut (maximum) ..... 2⅝ inches
- Blade ..... 8-inch plain tooth combination with ½-inch bore
- Table size ..... 17x15 inches
- Dado capacity (max.) with 6-in. head; width 13/16 in.; depth 1⅝ inches
- Bearings ..... Self-lubricating porous bronze
- Recommended arbor speed (approximate) ..... 5100 R.P.M
- Motor recommended (minimum) ..... ⅓-H.P. 1750 R.P.M. for light work
- Machine pulley (included) ..... 1½ inch
- Motor pulley (not included) ..... 4 inch
- Over-all dimensions ..... 12⅝ in. high; 15 in. wide; 20⅜ in. long

99 A 02465—Without motor, bench, motor pulley, floating motor rail, or V-belt. Shipping weight 42 pounds **$20.95**

99 A 02134—**Power Tool Bench.** (Described on page 9.) With 4 cross slide rails. Shipping weight 28 pounds **$13.95**

9 A 2275—**Floating Motor Rails.** Use with saw above for best results. Permits using one motor for several tools. Shift motor from tool to tool. Floating motor rail and one pair clips. Shpg. wt. 13 oz **$1.15**



CRAFTSMAN "100"
REG. U. S. PAT. OFF.

Heavy Duty Builders' Saw

"Rolling-Blade" . . means easier, faster, more accurate sawing

$115.00 CASH
Without motor
$11.50 DOWN

You'll get an entirely new idea of sawing efficiency when you use this great CRAFTSMAN saw with the "rolling blade". Faster, easier, more accurate . . . because lumber remains stationary while saw blade is pulled through! Can also be used as a regular circular saw by locking blade in stationary position. Use for cross-cutting, ripping and mitering—even dadoing with dado set. An ideal saw for builders, contractors, factories, farmers, and home craftsmen.

Extra-large capacity. 10-inch combination rip and crosscut blade allows you to make cuts up to 3 inches in depth. Saw travels a full 15½ inches. Depth of cut can be easily adjusted at any point in blade travel by large handwheel control. Removable, adjustable saw guard raises and lowers with blade.

Extra-large 35x24-inch table top is one-piece stamped steel; sturdy ribbing braces welded to underside. Strong steel frame, legs and side panels welded into one solid unit. Table insert removable for dadoing, etc. Arbor mounted on two sets of roller-type needle bearings. Blade, guard, arbor and motor are all mounted on steel carriage which glides on 6 ball bearing rollers. (See cut-away illustration at right above.) Large sawdust chute.

Two miter gauges. Large left-hand gauge for large work; right-hand sliding gauge for small miter cuts with blade locked in position. Self-squaring rip fence locks at both ends with one lever. Enclosed heavy duty switch is 2-H.P. capacity.

Includes 2 miter gauges, repetitive stop rods, rip fence, guard, switch, blade, sawdust chute, V-belt, motor pulley and machine pulley. We recommend minimum of ¾-H.P. 3450 R.P.M. motor.

SPECIFICATIONS:

- Depth of cut, maximum ..... 3 inches
- Blade, combination type ..... 10-inch diameter
- Bearings; arbor ..... 2 set of roller needle bearings
- Carriage rollers ..... 6 sets of ball bearings
- Dado capacity: with 6-inch dado saw; width (max.) 1¼ in.; depth (max.) 1 inch
- Distance in front of blade (at miter gauge) ..... 15 inches
- Carriage travel, maximum ..... 15½ inches
- Miter cut, maximum ..... 3¼x15 inches
- Miter graduations Left Hand and Right Hand ..... 1° in 180° radius
- Arbor speed recommended (approximate) ..... 4200 R.P.M.
- Motor recommended (minimum) ..... ¾ H.P., 3450 R.P.M.
- Machine pulley (included) ..... 2½ inch
- Motor pulley (included) ..... 3 inch
- V-belt (included) ½-in.x39-inch
- Switch (included) ..... 2 H.P. capacity
- Table height ..... 33 inches
- Over-all dimensions: Height (including handle) 40 in.; length 42½ in.; width 27 in.

99 AM 2262—CRAFTSMAN Builders' Saw without motor. Shpg. wt. 175 lbs. . . **$115.00**

99 AM 2266—With ¾-H.P. 3450R.P.M. ball bearing capacitor motor for 110–120-volt 60-cycle A.C. Shipping weight 212 pounds **$154.50**

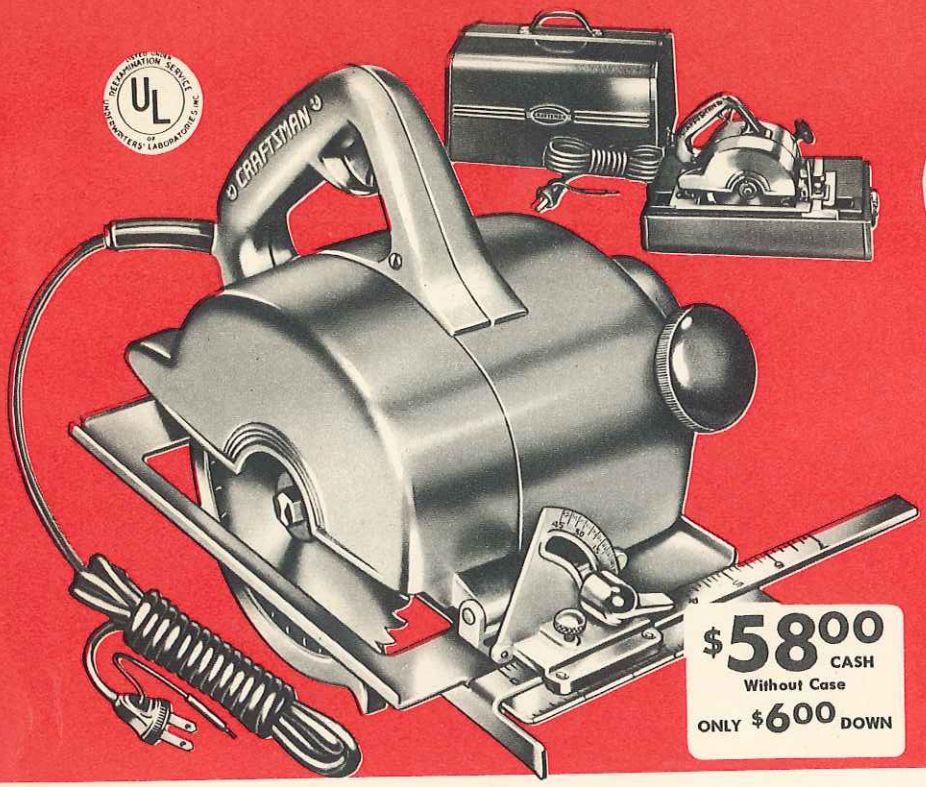
99 AM 2274—With 1-H.P. 3450 R.P.M. ball bearing capacitor motor for 115–230 volt 60-cycle A.C. Shipping weight 225 pounds **$168.50**

Extra CRAFTSMAN and DUNLAP 10-in. saw blades for this Builder's Saw will be found on page 11. Dado Sets on page 10.

Short of cash? Then use Sears Easy Payment Terms to pay for your power tools and accessories as you use them. See inside back cover for details.

Combination | Rip | Cross-cut | Dado Set

10 Times Faster . . on Dozens of Jobs!



$58.00 CASH
Without Case
ONLY $6.00 DOWN

Perfect-fitting straight and compound miter cuts quickly made . . . right on the job!

Cut large plywood panels; notch and cut rafters, siding and flooring . . . easily!

2 3/16-in. depth of cut permits you to cut several pieces at once . . . speeds up the job!

Cuts concrete, tile, granite, metals, etc., when equipped with special cut-off wheel.

CRAFTSMAN REG. U.S. PAT. OFF. 6½-inch Electric Hand Saw

Contractor type! Finest saw of its capacity on the market, in our opinion!

Super-powered! Precision-built for continuous heavy duty use. We believe it's America's finest 6½-in. electric hand saw! Thousands used by carpenters and contractors for heavy, day-after-day use. Don't confuse this industrial type saw with sleeve-bearing home or hobby shop saws at this price. *We're convinced it's by far the finest saw value on the market . . . bar none!*

Sealed precision ball bearings throughout. Direct-drive gear train permits compact design; perfect balance. SAFER! Blade on right side; away from operator. Depth of cut and tilt adjustments. Extra large base plate; front graduated in ⅛ in. Blade always in line with same saw guide edge. Built-in ripping guide, graduated ⅛ in. Strong die-cast aluminum alloy housing. **Weighs only 12½ pounds!** Knob on left for two-hand use. Precision helical-cut bronze gears; telescoping saw guard. Sawdust blower; enclosed trigger switch. **Approved by Underwriters' Laboratories, Inc.** (industrial standards). Heavy duty, ventilated, universal G.E. motor (for 110–120 volt, 25 to 60-cycle, A.C. or D.C.); rated ¾ H.P.; develops 1¼ H.P. With 6½-in. combination blade for cross-cutting and ripping; 10-ft. rubber-covered 3-wire cord with unbreakable plug; lubricant; wrenches.

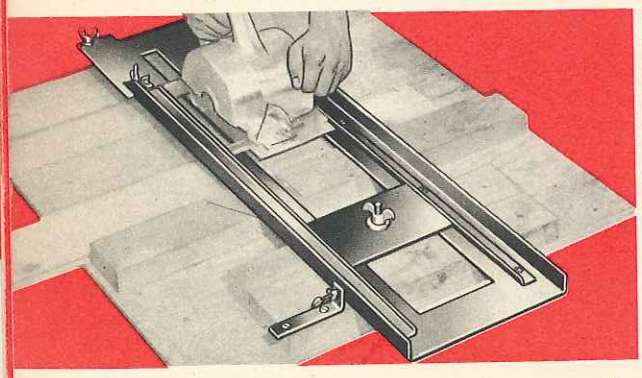
Specifications: Diameter of blade, 6½ in. Arbor hole, ½-in. (round). Depth of cut, 0 to 2 3/16 in. at 90°; 1 11/16 in. at 45°. Angular adjustment, 90° to 45°. No-load speed, 4300 R.P.M. Over-all length, 12 in. Steel carrying case has base for use as bench rest; compartment for extra blades, wrenches, etc.

99 A 02553—**CRAFTSMAN 6½-in. Saw only,** without case. Shpg. wt. 16 lbs. **$58.00**

99 A 02554—**CRAFTSMAN 6½-in. Saw, with steel case.** Shpg. wt. 27 lbs. **63.00**

9 A 6472—**Cut-off Wheel** for above saw. 6-in. diameter; ½-in. round arbor hole. For cutting cement, tile, stone, metal, etc. Shpg. wt. 8 oz . . . . . Each **$1.49**

NOTE: For extra combination and nail-cutting blades for this saw, see below. For carbide-tipped blade, see opposite page.



Stationary saw for ripping, crosscutting, mitering, bevel cuts, etc.

Saw guide pivots on clamp bolt to allow miter and compound cuts

New SAW GUIDE Converts Electric Hand Saw into Bench or Radial Saw

Now! The saw guide you've been waiting for! We tested it, compared it; we believe it is superior to guides costing *three times as much*! Designed especially for use with your CRAFTSMAN 6½-inch Electric Hand Saw (top of page). Set it in guide channel . . . you have a radial saw! Clamp it to ripping plate . . . you have a stationary bench saw!

Greater accuracy, more production for carpenters, contractors, small builders, etc. Even "green hands" do expert work after a few practice cuts. Rip, crosscut, compound miter, even make dado cuts! (Saws adjusts for depth-of-cut and tilt.) Maximum width of crosscut at 90°, about 18½ inches; at 45°, about 13½ inches. Maximum ripping width, about 29 inches. Guide channel slides to set ripping width.

Mounts easily on wood bench, or on portable table top for use on bench, saw horses, or CRAFTSMAN bench 99A2134 (page 9). With saw in ripping position use CRAFTSMAN miter gauge 9A2246 (page 11) for crosscuts, miters and dados (latter by several cuts of standard blade). Use Powr-Panl. 9A2120 (page 1) for remote control switch, added safety.

3/16-inch welded steel. Mounting hardware included. All parts zinc plated. Complete mounting, operating instructions.

99 A 01710—Shpg. wt. 30 lbs. **$16.50**

CRAFTSMAN REG. U.S. PAT. OFF. Nail-Cutting Blades

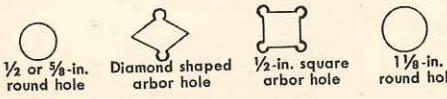
A **With special-shaped arbor holes.** Greatly improved tooth design. Cuts lumber containing nails, wire, etc. Also makes an ideal all-around saw for rough work . . . both ripping and crosscutting. Made of special high carbon saw steel; heat-treated and properly tensioned. *State catalog number, saw diameter, arbor diameter, and arbor shape.*

Catalog Number	Saw diam.	Arbor diam.	Arbor shape	Fits Saws	Shpg. wt.	Each
9A4928	8 in.	½ in.	round	99A02557 on opposite page; and bench saws	1 lb.	$4.95
9A4928	8 in.	⅝ in.	round	Bench Saws	1 lb.	4.95
9A4928	6 in.	½ in.	round	99A02553 saw, above	1 lb.	3.75
9A4929	5⅞ in.	. . . .	diamond	Skil-saw Electric Saw	8 oz.	3.75
9A4930	6 in.	½ in.	square	99A02572 on opposite page; Mall Electric Saw	8 oz.	3.75
9A4931	6 in.	1⅛ in.	round	Black & Decker Elec. Saw	8 oz.	3.75

CRAFTSMAN REG. U.S. PAT. OFF. Combination Saws

B **With special-shaped arbor holes.** For crosscutting and ripping. We believe there are no finer saws of this type made! Of chrome-nickel alloy steel . . . famous for its toughness . . . gives longer-lasting edges. Scientifically heat-treated; hardened. Tensioned by master sawmakers to run true and cut straight. Expertly set and filed. *State catalog number, saw diameter, arbor diameter, and arbor shape.*

Catalog Number	Saw diam.	Arbor diam.	Arbor shape	Fits Saws	Shpg. wt.	Each
9A4940	8 in.	½ in.	round	99A02557 on opposite page; and bench saws	1 lb.	$2.49
9A4940	8 in.	⅝ in.	round	Bench Saws	1 lb.	2.49
9A4940	6½ in.	½ in.	round	99A02553 saw, above	1 lb.	2.19
9A4938	5⅞ in.	. . . . .	diamond	Skil-saw Electric Saw	8 oz.	2.19
9A4941	6 in.	½ in.	square	Mall Electric Saw	8 oz.	2.19
9A4941	6¼ in.	½ in.	square	99A02572 Saw	8 oz.	2.19
9A4942	6⅛ in.	1⅛ in.	round	Black & Decker Elec. Saw	8 oz.	2.19
9A4935	7¼ in.	. . . . .	diamond	Sears former model 2186	12 oz.	2.29

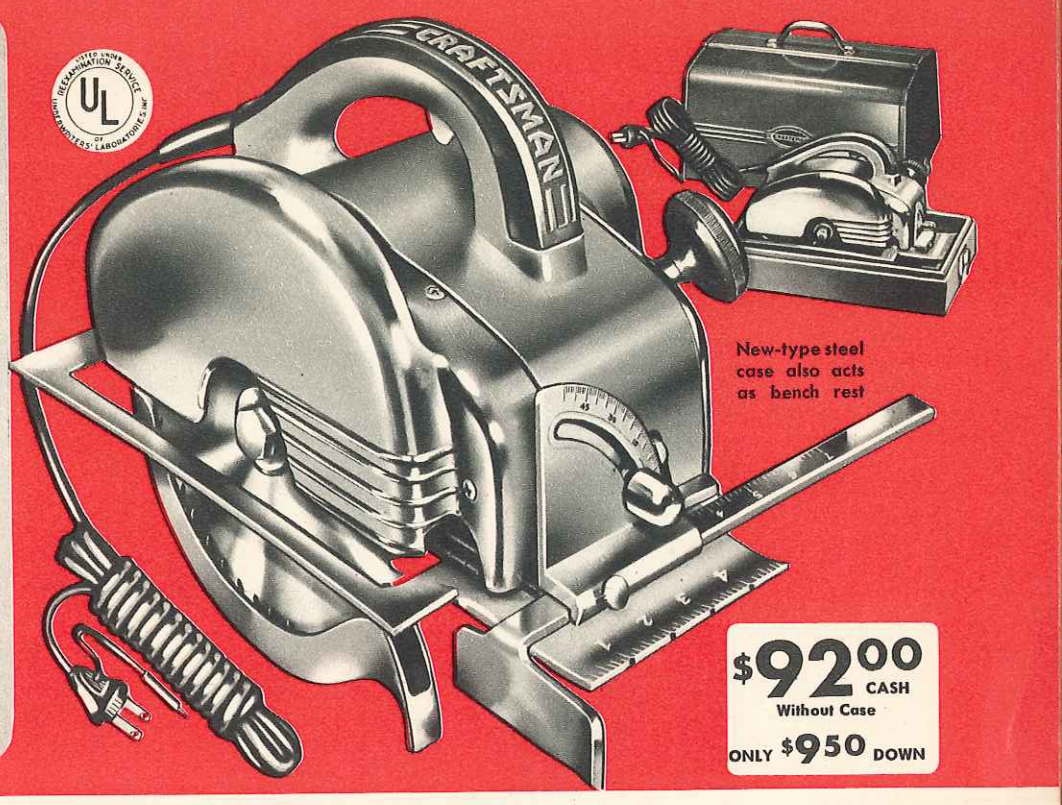


½ or ⅝-in. round hole — Diamond shaped arbor hole — ½-in. square arbor hole — 1⅛-in. round hole

You get more "saw" for much less money . . with a CRAFTSMAN

This is an actual laboratory comparison of CRAFTSMAN 8-inch electric hand saw (99A02560), with 2 other famous saws of the same type. The comparisons below give you *positive proof* of CRAFTSMAN superiority in construction, features, performance, *and amazingly lower price!* No wonder thousands of Sears customers have bought it in preference to any other saw! *We believe it's the finest electric hand saw on the market!*

	Sears Saw	Saw X	Saw Y
Price	$98.00	$145.00	$135.00
Efficiency	65%	46.3%	59%
Horsepower:			
Rated Load	1.36	.90	1.3
Maximum Load	2.16	1.40	2.0
Blade Speed (R.P.M.):			
No Load	5300	2600	3800
Full Load	3500	1800	2350
Watts:			
No Load	700	760	660
Full Load	1800	1500	1650
At Maximum H.P.	3300	2760	3280
Depth of Cut:			
Minimum at 90°	0 in.	¾ in.	1 1/16 in.
Maximum at 90°	2⅞ in.	2⅝ in.	2⅞ in.
Maximum at 45°	2 in.	2⅛ in.	2 5/16 in.
Type of Gear Drive	Direct	Right angle	Direct
Graduated Base Plate	Yes	No	No
Built-in Ripping Gauge	Yes	No	No
Zerk Grease Fitting	Yes	No	No
Uses blades with standard round arbor hole	Yes	No	No
Combination Bench Stand and Carrying Case	Yes	No	No
Single guiding point for all angles of tilt	Yes	No	No
Underwriters' Laboratories, Inc., Approved	Yes	No	No



CRAFTSMAN 8-inch Electric Hand Saw

Now develops 2.16 H.P. . . More power than any other 8-inch saw we've seen!

Our finest! We know of NO other complete, contractor-type, 8-in. electric hand saw of this quality for less than $125.00. Its heavy duty G. E. 1 H.P.-rated motor will develop 2.16 H.P.—the most powerful motor of any saw this size!

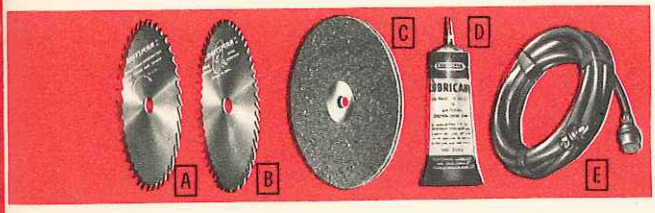
Better balanced, easier to use—handle stays in same position for any depth cut. Efficient direct drive. More accurate—blade in line with guiding edge at any angle of tilt; improved one-piece ripping guide. Blade on right side, away from operator, for extra safety! Full depth of cut (0 to 2⅞ in. instead of usual ½ in. up). Base plate has ⅛-in. graduations, notches every inch; permits use of various guide lines. Strong, die-cast aluminum alloy frame.

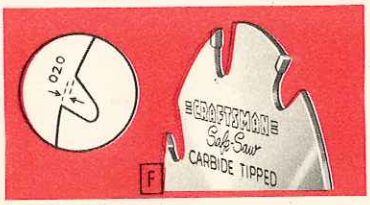
SKF precision ball bearings; double sealed. Helical cut bronze gears, lubricated by **one** Zerk fitting. Telescoping saw guard; sawdust blower. Enclosed trigger switch. Left-side knob for two-hand operation. **UL approved (industrial standards).** Weighs only 19 lbs. With 8-inch combination blade, 10-ft. 3-wire cord, plug, lubricant, wrench. Steel case has compartment for extra blades, wrenches, etc. **Specifications:** Plain combination type blade, diameter 8 inches. Arbor hole, standard ½-inch round. Depth of cut, 0 to 2⅞ in. Tilt adjustment, 90° to 45°. Free blade speed, 5300 R.P.M. Switch, enclosed non-locking trigger type. Motor, 1 H.P. General Electric universal; 110–120 volt, 25-60 cycle, AC-DC. Over-all dimensions: height (with handle) 11 in.; length 15½ in.; width 10 in.

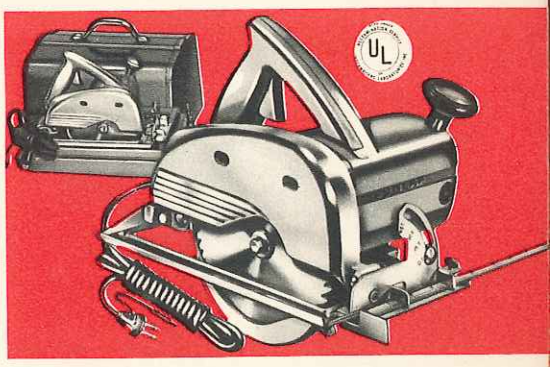
99 A 02560—**CRAFTSMAN 8-in. Electric Hand Saw with steel carrying case.** Shipping weight 38 pounds. *Only $10.00 down; $8.00 monthly* . . . . . Cash **$98.00**

99 A 02557—**CRAFTSMAN 8-in. Electric Hand Saw only,** without case. Shipping weight 23 lbs. *Only $9.50 down on Sears Easy Terms; $8.00 monthly* . . . . . Cash **$92.00**

Note: For extra combination blades, nail cutting blades, carbide-tipped blades, cut-off wheel, and other accessories, see **below.**







Accessories for Electric Hand Saws

[A] **Replacement 8-in. Combination Blade.** For ripping and crosscutting on 99A02557 CRAFTSMAN Electric Hand Saw above. *Specify 8-in. diameter and ½-in. arbor hole.*
9 A 4940—Shpg. wt. 1 lb. **$2.19**

[B] **Nail Cutting Blade.** For 99A 02557 saw above; also bench saws with ½-in. arbor holes. Does rough work (both rip and crosscut); cuts nails or wire in lumber. (See description on opposite page.) *Specify 8-in. diameter and ½-in. arbor.*
9 A 4928—Shpg. wt. 1 lb. **$4.95**

[C] **Cut-off Wheel.** For concrete, tile, metal, etc. 8-in. diameter. Round center hole. *Specify ½-in. bore when ordering.*
9 A 6455—Shpg. wt. 8 oz. **$1.69**

[D] **Extra Lubricant.** 4-ounce tube.
9 A 2563—Shpg. wt. 6 oz. **75c**

[E] **Heavy duty 25-ft. Extension Cord.** 10-gauge; 2-wire. Rubber plug and receptacle. Underwriters' Laboratories approved. *Use up to 100 ft. (4 cords) only, from current source.* Shpg. wt. 4 lbs. 11 oz.
34 A 5884 . . . . . 25 ft. **$7.50**

New! CRAFTSMAN Carbide-tipped 8-tooth Saw The safest saw blade we've ever seen!

[F] Special construction of only 8 teeth—projecting only .020 in. above non-cutting edge—provides extra safety. Lasts 20 times longer than ordinary saw blades . . . tips made of tungsten carbide. No need to resharpen at frequent intervals. Special steel saw blade; heat treated. Teeth ground with diamond wheels to exacting tolerances. For ripping, crosscutting or mitering. Will cut all types of wood, plastics, formica, laminates, plywood, masonite, wallboard, fiber compositions, abrasive building materials, transite, asbestos, aluminum siding and roofing, and asphalt siding and roofing. (Do not use this saw to cut masonry, steel, iron or other ferrous metals.) Width of tooth (cut) is .108/.118-inch on all diameter saw blades, except 10-inch which has .118/.128-inch tooth width. 10-inch also has stepdown bushings of 1 to ¾-inch and 1 to ⅝-inch.

9 A 4943—*Please be sure to state diameter, arbor hole size and shape.*

Diameter	Arbor Hole	Fits these saws	Shpg. wt.	Price
5⅞ in.	diamond	6-inch Skil-saw	1 lb.	$10.95
6⅛ in.	1⅛-in. round	6-inch Black and Decker	1 lb.	10.95
6 in.	square	Mall and DUNLAP 99A02572	1 lb.	10.95
6½ in.	½-in. round	CRAFTSMAN 99A02553; bench saws	1 lb.	10.95
6 in.	⅝-in. round	Porter-Cable; bench saws	1 lb.	10.95
7 in.	diamond	Skil-saw, and Sears former model 02186	1 lb. 4 oz.	11.95
7 in.	square	Mall	1 lb. 4 oz.	11.95
8 in.	½-in. round	CRAFTSMAN 99A02557; bench saws	1 lb. 8 oz.	12.95
8 in.	⅝-in. round	Bench saws	1 lb. 8 oz.	12.95
8 in.	diamond	Skil-saw	1 lb. 8 oz.	12.95
10 in.	1-in. with step-down bushings	Bench saws, builders' saw, radial saw and swing saw	2 lbs. 8 oz.	14.95

DUNLAP 6¼-inch Electric Hand Saw

Designed for home, farm, or hobby shop. 10 times faster than hand sawing! Cuts siding, crating, perfect miter joints, etc. With cut-off wheel, cuts concrete, tile or metal. Direct gear train for perfect balance, efficient design. Easy to handle . . . weighs only 11 pounds. SAFE! Blade on right side, away from operator.

Depth-of-cut and tilt adjustments. Adjustable ripping guide, telescoping blade guard. Precision-cut bronze helical gears, precision bronze bearings. Aluminum alloy housing. Sawdust blower, trigger switch. **UL approved.** Fan-cooled universal motor (110–120 volt, 25–60 cycle, AC-DC). 1 H.P. maximum. With 6¼-inch combination blade, 10-ft. 3-wire cord, unbreakable plug.

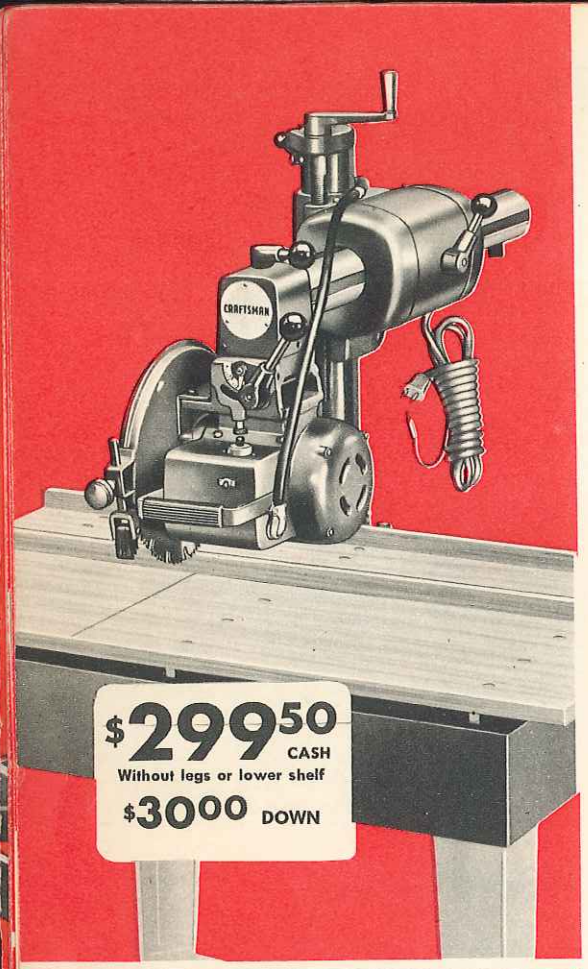
Specifications: Blade diam., 6¼-in. Arbor hole, ½-in. (square). Depth of cut, 0 to 2⅛-in. at 90°; 1¾-in. at 45°. No-load speed, 5200 R.P.M. Over-all length, 11¼ in. Steel case also serves as bench rest.

99 A 02572—**DUNLAP 6¼-in. Saw only** (without case). Shipping weight 12 pounds **$37.50**

99 A 02573—**DUNLAP 6¼-in. Saw with steel case.** Shipping weight 22 pounds **$43.50**

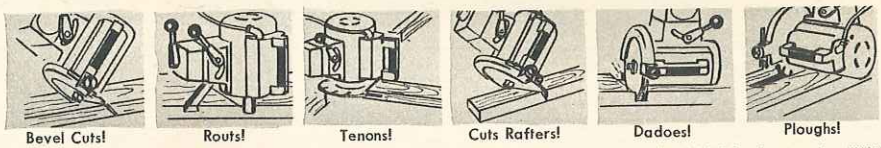
9 A 6471—**Cut-off Wheel for above Saw.** 6-in. Diam., ½-in. square arbor hole. Shpg. wt. 5 oz. . . . . Each **$1.49**

NOTE: See listings at left for carbide-tipped blade; Opposite page for combination, nail-cutting blades.



New CRAFTSMAN REG. U. S. PAT. OFF. Radial Saw

America's most versatile woodworking machine for fast, easy cutting and shaping of lumber!



We believe there is NO other radial saw of this quality in this price range! Does all the jobs shown above; also crosscuts, rips, miters, compound miters, rabbets—even shapes with proper cutters! For production millwork, lumber yards, shipping rooms, contractors, etc.

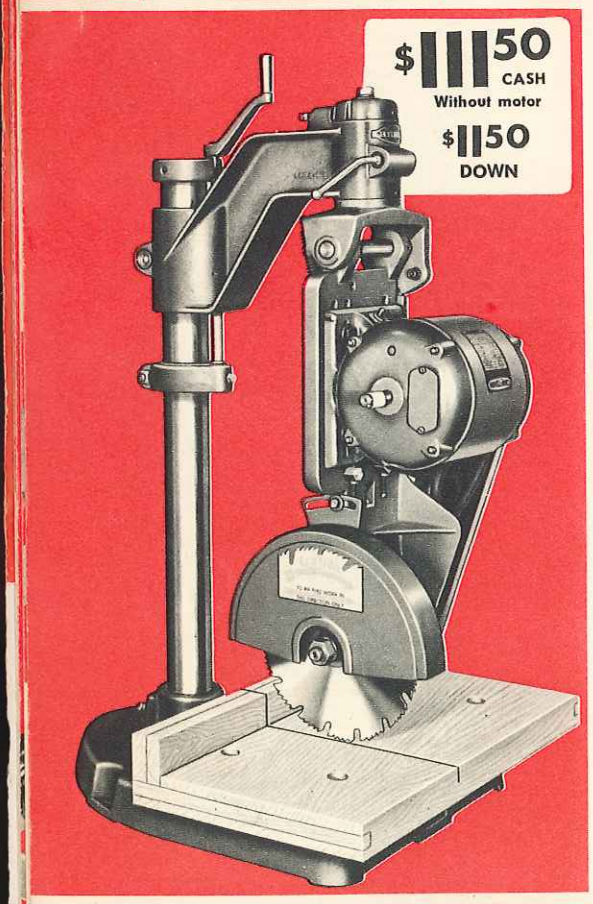
Saw pulls through work; swings, tilts, locks in any position; quick-setting stops for 0, 45 and 90°. Controls easily accessible from front. Automatic front-pivoted guard encloses blade edge for safety. Sealed, lubricated-for-life, precision ball bearings. Capacity of cut, 2⅛-in.; crosscut capacity, 12⅛x2⅛-in. stock; rips to center of 48-in. sheet of plywood. Anti-kickback pawls. With 10-in. carbide tipped 8-tooth combination blade (1-in. bore); 1-H.P. 3450 R.P.M. single-phase, capacitor motor (115–230-volt 60-cycle A.C.) with built-in switch; 15x42-in. wood work table with removable fence; 28x36-in. stamped steel base. (Steel legs and lower shelf not included.) Shipped from factory in Cincinnati, Ohio, from where you pay transportation on delivery.

99 AM 2361F—Shpg. wt. 350 lbs. **$299.50**

99 AM 2159F—Set of 4 steel legs and lower shelf for above radial saw. (See shipping note above.) Shipping weight 50 lbs. **$23.00**

SPECIFICATIONS

Depth of cut, maximum . . . . . 2⅛ inches
Crosscut capacity, maximum . . . 12⅛x2⅛-in. stock
Ripping width, maximum . . . . . 24¾x2⅛ inches
Arbor tilt, maximum . . . . . 90° right or left
Angle of cut range . . . . . 0 to 90° right or left
Max. width and depth of 45° compound miter cut, (motor turned and tilted to 45°) . . . . . 8 11/16x1⅞ in.
Maximum width and depth of miter cut, (motor turned to 45°) . . . . . 9¼x2⅛ inches
Dado capacity with 8-inch diameter x 1-inch bore dado saw . . . . . width . . . . . 1 inch
depth . . . . . 1⅛ inches
Table size . . . . . 15x42 inches
Base size . . . . . 28x36 inches
Table height, without legs . . . . . 7½ inches
with legs . . . . . 36 inches
Length of fence . . . . . 42 inches
Length of stroke . . . . . 16 inches
Vertical column diameter . . . . . 3 inches
Horizontal column diameter . . . . . 2½ inches
8-tooth carbide-tipped combination blade (included) diameter . . . . 10 inches; bore . . . . 1 inch
Bearings, arbor . . . . . 2 sets sealed, precision ball bearings
Arbor speed (approximate) . . . . . 3450 R.P.M.
Motor . . . . . 1-H.P., 3450 R.P.M., single phase, capacitor type for 115–230-volt, 60-cycle, A.C.
Switch (with thermal overload and manual re-set) . . . . . capacity 1-H.P., 115–230-volt
Over-all dimensions (saw only) . . . Height 33½ in.
Depth 28 inches
Width 42 inches



CRAFTSMAN REG. U. S. PAT. OFF. Swing Saw

The blade of this CRAFTSMAN rugged heavy-duty Swing Saw actually is pulled through lumber! This method of operation is speedier and easier than pushing lumber into the blade.

Rips, miters, dadoes, does cut-off jobs accurately . . fast!

Fast, free operation with NO waste motion! Just pull saw through lumber . . weight of swing arm returns blade to retract position. For millwork plants, shipping rooms, etc. Swivels 0 to 90° right or left; gives vertical cut by degrees.

For heavy-duty work. Cast-iron base and elevating arm; 2¾-in. steel column. Adjustable depth of cut: 3-in maximum with 10-in. blade; 4-in. with 12-in. blade. 1-in. dado capacity. Pin locks swing arm in vertical position for ripping or dado work. Another pin locks at 0, 45 or 90° for miter cuts. Sealed, lubricated-for-life, ball-bearing saw arbor.

Extra safe! Adjustable blade guard; belt guard. Portable! Can be partially disassembled quickly for transporting. Equipped with 10-in combination blade, ¾-in. bore (12-in. blade also can be used with 1-HP motor); 3-in. diameter, ⅝-in. bore arbor and motor pulleys; ½x38-in. V-belt. Overall height 41¾-in., depth 26½-in., width 24-in.

99 AM 2545—Without motor. Wt. 200 lbs. . **$111.50**

99 AM 2547—With ¾-HP 3450-RPM, 110–120-volt, 60-cycle. AC capacitor motor. Wt. 244 lbs. **$151.45**

99 AM 2548—With 1-HP 3450-RPM, 115–230-v., 60-cycle AC capacitor motor. Wt. 250 lbs. **$165.45**

SPECIFICATIONS

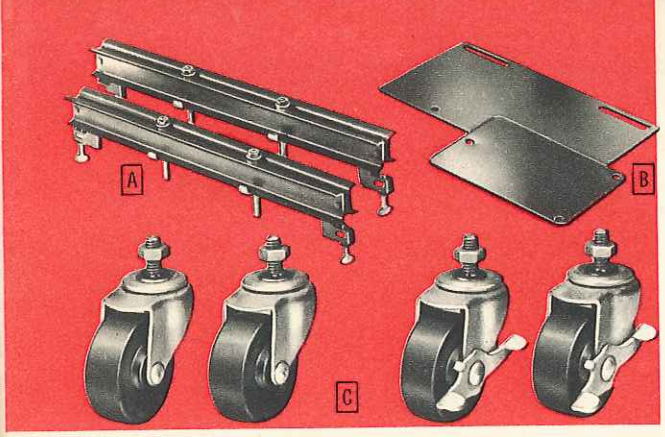
Depth of cut (max. with 10-in. blade) . . . . 3 inches
(max. with 12-in. blade) . . . . 4 inches
Crosscut width (max. with 10-in. blade) . . . . . 16 in.
(max. with 12-in. blade) . . . 16¼ in.
Ripping width (max. with table fence) . . . 11 7/16 in.
(max. without fence) . . . 13½ inches
Angle of cut range . . . . . 90° right, to 90° left, in 1° graduations
Miter cut (max. with 10-in. blade) . 3x8¾-in. stock
(max. with 12-in. blade) . 4x6¼-in. stock
Width of miter cut (maximum) . . . . . at 60°, 14⅛ inches; at 45°, 11½ inches; at 22½°, 6¼ inches
Dado capacity with 6-inch dado saw . . . . . width . . . . . 1 inch
depth . . . . . 1 inch
Table size . . . . . 11⅞x24 inches
Base size . . . . . 24x18⅛ inches
Column diameter . . . . . 2¾ inches
Combination blade (included) . . diameter 10 inches
bore . . . . . ¾-inch
Bearings, arbor . . . . . two sets sealed, precision ball bearings
Arbor speed recommended (approx.) . . 3450 R.P.M.
Motor recommended (min.) . . ¾-H.P. 3450 R.P.M.
Machine pulley (included . . 3-in. diam.; ⅝-in. bore
Motor pulley (included) . . . 3-in. diam.; ⅝-in. bore
V-belt (included) . . . . . ½x38 inches
Over-all dimensions . . . . . Height 41¾ inches
Depth 26½ inches
Width 24 inches

NEW CRAFTSMAN REG. U. S. PAT. OFF. Heavy duty 8-inch Dado Set

Make your radial and swing saws much more useful. Made from special analysis saw steel accurately controlled through all phases of production. For dadoing, grooving, rabbeting, etc. Fits any saw similar to 99AM2361F and 99AM2545 above. Set consists of: 2 outside saws, each of which will cut ⅛-in. grooves; four ⅛-in. inside cutters and one ½-in. inside cutter. Maximum groove of set is 1¼-in. Outside blades heat-treated, precision ground, filed and set. Inside cutters heat-treated and accurately swaged.

9 A 4890—Please specify whether you desire ¾ or 1-inch arbor. Shpg. wt. 7 lbs. 8 oz. **$22.95**

Equip your entire shop. Use Sears Easy Pay Plan.



Bench Accessories

A **Cross Side-Rails.** Fit benches at right. See table below for tools needing extra cross slide-rails.
9 A 2016—Shipping weight 3 pounds.....Each **75c**

B **Mounting Plates.** For mounting tools with dimensions exceeding bench sizes. See table below.
9 A 2013—Shipping weight 4 pounds.....Pair **98c**

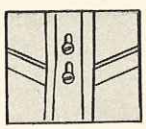
C **Caster Set.** Fit benches at right. 2-in. diam. wheels; ball bearing swivels. Set of 4; 2 with foot brakes. Threaded 5/16-in. diam.; ¾-in. length. With nuts.
9 A 2736—Shipping weight 2 pounds.....Set of 4 **$2.49**

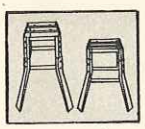
Tool Bench Mounting Recommendations

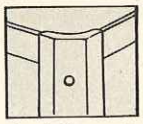
Power Tool	Catalog Number	Page	Bench recommended	Additional items required
Band Saw	99 AM 2430	12	99A02140* (mount motor below); or 99A02134 with motor behind	2 extra 9A2016 cross slide-rails None
Band Saw	99 AM 2428	13	99 A 02140	2 extra 9A2016 cross slide-rails
Belt Sander	99 A 02236	19	99 A 02140*	2 extra 9A2016 cross slide-rails
Belt Sander	99 AM 2235	19	99 A 02134	None
Bench Saw	99 AM 2752	Inside front cover	99 A 02140* 99 A 02134	None None
Bench Saw	99 AM 2216	3	99 A 02134	None
Bench Saw	99 A 02540	4	99 A 02140	3 extra 9 A 2016 cross slide-rails
Bench Saw	99 A 02465	5	99 A 02134, with motor behind	One 9 A 2275 floating motor rail (pg.39)
Drill Press	99 AM 2313	28	99 A 02140* or 99 A 02134	None
Drill Press	99 AM 2364	29		None
Drill Press	99 AM 2362	29		
Drill Press	99 A 02172	29	99A02140 (mount motor behind)	One 9 A 2013 mounting plate
Grinder, Electric	99 A 02608	40	99 A 02140*	None
	99 A 02616	40	99 A 02140* or 99 A 02134	None
	99 AM 2618	40		None
Grindstone	99 A 06620	41	99 A 02140	2 extra 9 A 2016 cross slide-rails
Hack Saw	99 AM 2294	25	99 A 02134	None
Jig Saw	99 AM 2344	14	99 A 02134	Pair 9 A 2013 mounting plates
Jig Saw	99 AM 2315	15	99 A 02134	None
Jig Saw	99 A 02179	15	99 A 02134	None
Jointer-Planer	99 AM 2334	16	99 A 02134	None
Jointer-Planer	99 AM 2390	17	99 A 02134	Pair 9 A 2013 mounting plates
Lathe	99 AM 2307	22	99 A 02134	Wood top, wide enough to mount motor on same level, behind lathe
Lathe	99 A 02160	22	99 A 02134	
Lathe	99 AM 2127	23	99 A 02134	
Lathe	99 AM 2048	24	99 A 02134	
Planer	99 AM 2370	16	99 A 02140* or 99 A 02134	2 extra 9 A 2016 cross slide-rails None
Shaper	99 AM 2392	18	99 A 02134	None

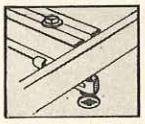
**Bench most applicable. If additional work space is desired, we recommend bench 99A02134, using your own wood bench top.*

CRAFTSMAN REG. U. S. PAT. OFF. Tool Benches


Each leg adjusts quickly on uneven floors . . . benches stay level, work is more accurate


Benches adjust easily for any height 22 to 32 in. for greater convenience


Special leg angle design keeps constant tension . . . bolts stay tight, frames stay true

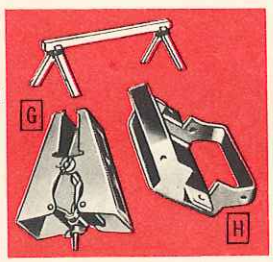

Cross slide-rails clamp anywhere. Bolts and channel clips lock tools, motors in place

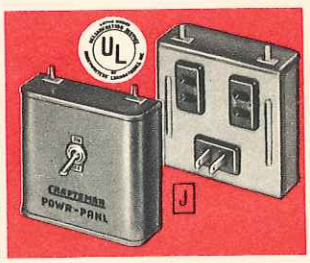
Feet are punched for bolting to floor or mounting foot-brake swivel casters

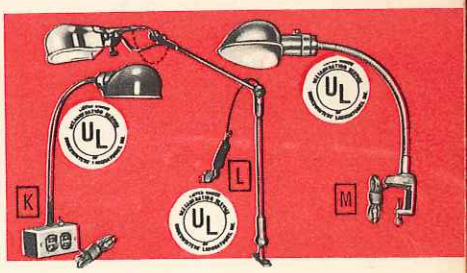
Perfect mount for almost any bench-type power tool or motor! *Adjustable* from 22 to 32-in. height. 16¼-in. wide. Legs adjust *separately* for uneven floors. Punched to hold your own solid top and shelving; to attach casters (not included); or to bolt to floor. Two frames of rigid, one-piece welded steel. Rust-resistant gray enameled. Easily set up. With bolts; instructions. Mailable.

D **CRAFTSMAN Power Tool Bench.** 18 inches long by 16¼ inches wide. Maximum mounting dimensions 12x14 inches. With 2 cross slide-rails. Extra slide-rails available for mounting motor on bench (see 9A2016 above). Also see table at left for power tools in this catalog for which this bench is recommended.
99 A 02140—Shipping wt. 24 lbs.....**$12.50**

E **CRAFTSMAN Power Tool Bench.** 30 inches long by 16¼ inches wide. Maximum mounting dimensions 12x26 inches. With 4 cross slide-rails for mounting power tool and motor on same bench. See table at left for various power tools in this catalog for which this bench is recommended.
99 A 02134—Shipping wt. 28 lbs.....**$13.95**







F One of the greatest improvements in work benches in years! The pressed, bonded wood top is tremendously tough—harder than maple. Rigid construction—for power tools, for wood-working, for general home or farm repair work. Heavy steel legs are adjustable for uneven floors. Back rail is punched to hold tools. Has a handy steel drawer for small tools, drawings, etc. Top working surface 60 inches long, 28 inches wide, 1⅝ inches thick. Height of working surface 34½ inches. Drawer 20⅜ inches long, 13¾ inches wide, 5 inches deep inside. Gray baked enamel finish. Easily assembled. Bolts included. Shipping weight 105 pounds.
99 AM 2122.....**$27.95**

Saw Horse Bracket Sets. Make your own saw horses, using two by fours. Set up temporary tables, platforms, etc.

G **New type.** Needs no nails, screws, or bolts! Strongly made of steel. Rust-resistant enamel finish. Use with 2x4's (not included). Shpg. wt. 6 lbs.
9 A 2849.....Pair **$3.49**

H **Regular type.** Heavy gauge, rust-resistant plated steel brackets electrically welded into a solid unit. Use with 2x4's (not included). Shpg. wt. 3 lbs.
9 A 2889.....Pair **$1.50**

J **CRAFTSMAN Powr-Panl.** Safe, convenient way to hook up your power tools motor and tool light! Does away with reaching over moving parts to turn motor on and off. Fits benches above; has brackets for adapting to other wood or metal benches. *Approved by Underwriters' Laboratories.* 1-H.P. rated switch. 125–250 volts A.C. or D.C. Has one double-prong receptacle for receiving power, two cube taps for plugging in motor and light. Shipping weight 1 pound.
9 A 2120.....**$3.95**

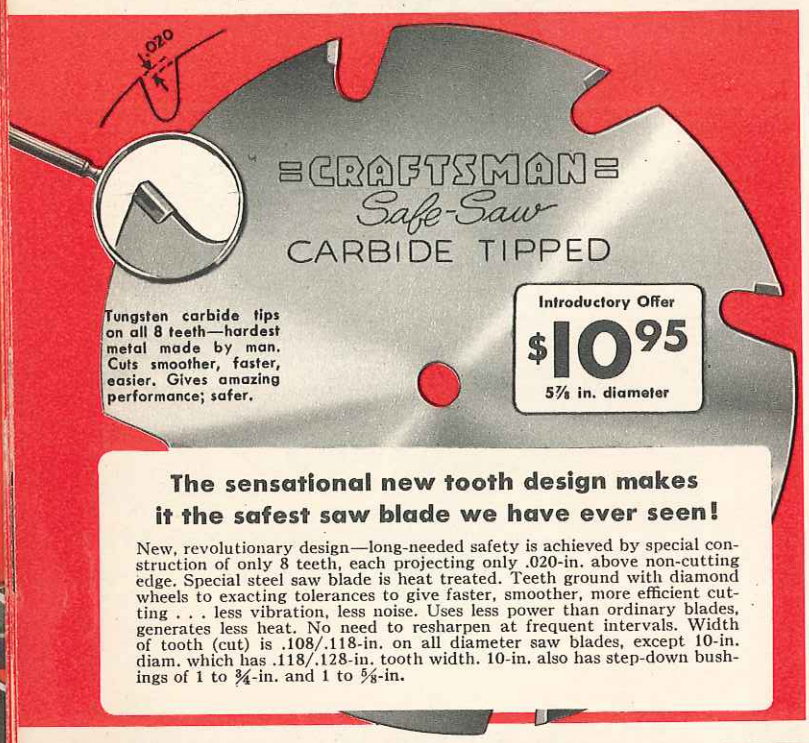
K **Work Bench or Roller Cabinet Light Fixture.** Swivels 360°. 18-in. flexible cable; double outlet at base; toggle switch. Takes 100-watt lamp. 5½-ft. cord; plug. For 110–120-volt, 25-60 cycle, AC-DC.
9 A 4364—*UL approved.* Shpg. wt. 3 lbs. 4 oz.....**$5.69**

L **New CRAFTSMAN Tool Light.** Our finest! Rigid tubular steel arms adjust instantly on swivel ball and socket joints. Baked gray enamel finish. Takes 60-watt bulb Shade turns 360°. Fits benches above; has slip-in base mount for other mountings. 4½-ft. cord; plug.
9 A 2537—*UL approved.* Shpg. wt. 2 lbs. 2 oz.....**$4.39**

M **Tool light.** Easy-adjusting 18-inch flex-cable. "C" clamp fastens to bench or tool. New type triangular shade turns 360°. Interlocking socket won't pull apart. Gray finish. 6-ft. cord; plug.
9 A 2536—*UL approved.* Shipping weight 3 lbs.....**$3.89**

New! CRAFTSMAN REG. U.S. PAT. OFF. Carbide Tipped 8-tooth Saw

Superior blade design . . lasts 20 times longer than ordinary blades



The sensational new tooth design makes it the safest saw blade we have ever seen!

New, revolutionary design—long-needed safety is achieved by special construction of only 8 teeth, each projecting only .020-in. above non-cutting edge. Special steel saw blade is heat treated. Teeth ground with diamond wheels to exacting tolerances to give faster, smoother, more efficient cutting . . . less vibration, less noise. Uses less power than ordinary blades, generates less heat. No need to resharpen at frequent intervals. Width of tooth (cut) is .108/.118-in. on all diameter saw blades, except 10-in. diam. which has .118/.128-in. tooth width. 10-in. also has step-down bushings of 1 to ¾-in. and 1 to ⅝-in.

Greater Safety It practically eliminates kick-back injuries. Cannot grab and throw wood against worker.

Longer Life Lasts 20 times longer than ordinary circular saw blades . . . tips made of tungsten carbide.

CRAFTSMAN REG. U.S. PAT. OFF. 8-tooth saw . . tested and proved better

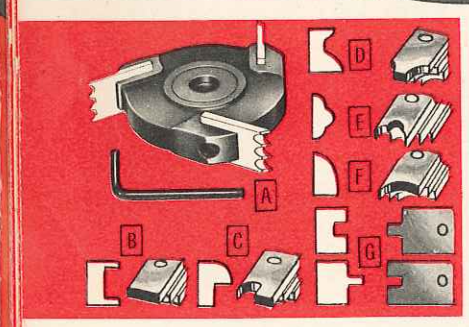
Actual laboratory tests prove that CRAFTSMAN 8-tooth saw has a wider range of performance . . . yet sells at a MUCH lower price than other carbide tipped saw blades. Don't confuse it with ordinary 8-tooth all steel blades on the market . . . CRAFTSMAN 8-tooth saw is greatly superior!

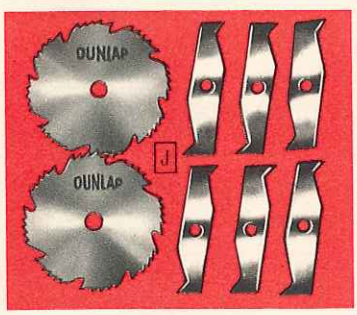
Material Tested	Sears 9A4943 8-tooth Carbide-tipped	Saw A 8-tooth Carbide-tipped	Saw B 60-tooth Not-tipped	Saw C 8-tooth Not-tipped
Hardwood (cross cutting)	Good	Good	Good	Poor
Hardwood (ripping)	Excellent	Excellent	Good	Good
Transite (asbestos board)	Good	Good	Very poor	Very poor
Plywood (across grain)	Good	Fair	Fair	Poor
Plywood (with grain)	Excellent	Excellent	Excellent	Good
Formica	Good	Poor	Fair	Fair
Plastics	Good	Poor	Fair	Fair
PRICE (for 8-in. blade)	$12.95	$42.00	$5.90	$5.90

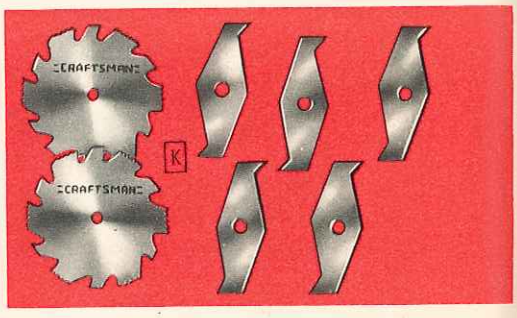
Used by: Industry, carpenters, contractors, hobbyists and home owners!
Materials it will cut: All types of wood, plastic, formica, laminates, plywood, masonite, wallboard, fiber composition, abrasive building materials, transite, asbestos, aluminum siding and roofing, asphalt siding and roofing. (Do not use it to cut masonry, steel, iron or other ferrous metals.)
Use it on: Electric hand saws; bench, builders', radial and swing saws.

9 A 4943—*Please state diameter, arbor hole size and shape wanted.*

Diam.	Arbor Hole	Fits these saws	Shpg. wt.	Price
5⅞ in.	diamond	6-inch Skil-saw	1 lb.	$10.95
6⅛ in.	1⅛-in. round	6 inch Black and Decker	1 lb.	10.95
6 in.	square	Mall and DUNLAP 99A02572	1 lb.	10.95
6½ in.	½-in. round	CRAFTSMAN 99A02553; bench saws	1 lb.	10.95
6 in.	⅝ in. round	Porter-Cable; bench saws	1 lb.	10.95
7 in.	diamond	Skil-saw, and Sears former model 02186	1 lb. 4 oz.	11.95
7 in.	square	Mall	1 lb. 4 oz.	11.95
8 in.	½-in. round	CRAFTSMAN 99A02557; bench saws	1 lb. 8 oz.	12.95
8 in.	⅝-in. round	Bench saws	1 lb. 8 oz.	12.95
8 in.	diamond	Skil-saw	1 lb. 8 oz.	12.95
10 in.	1-in., step down bushings	Bench, builders', radial, swing saws.	2 lbs. 8 oz.	14.95







Moulding Cutter Head

[A] **CRAFTSMAN.** 4-in. diam. Fits most bench saws with ½ or ⅝-in. arbors. Fits most dado inserts. 3 slots in head hold bits. With wrench.
9 A 2284—Cutter Head Only. Shpg. wt. 2 lbs. **$4.95**
9 A 2421—**Bread Cutter Set only.** (Shown in cutter head.) 3 bits. Shpg. wt. 6 oz. **$2.95**

New Cutter Bits for use in above head. Made of tool steel. 1 in. wide. Each set has three bits, except 9 A 2412—which has six.
[B] 9 A 2408—(Planer) Shpg. wt. 6 oz. Set **$2.95**
[C] 9 A 2413—(Cabinet door) Wt. 6 oz. Set. $2.95
[D] 9 A 2414—(Decor. mold.) Wt. 8 oz. Set. 2.95
[E] 9 A 2425—(Screen bead) Wt. 6 oz. Set. . 2.95
[F] 9 A 2423—(Moulding) Shpg. wt. 6 oz. Set 2.95
[G] 9 A 2412—(Tongue, groove) Wt. 14 oz. Set 6.50

Groover Saws

[H] **CRAFTSMAN.** Cuts with or across grain. Tough high-carbon steel; heat treated, hardened. 5½-in. diam. ¾-in. arbor hole. (2 bushings included, change arbor hole size to ⅝ or ½ in.)
9 A 4914—*State thickness wanted*

Thickness	Shpg. wt.	Price
⅛ in.	12 oz.	$ 3.39
3/16 in.	1 lb. 4 oz.	4.39
¼ in.	1 lb. 8 oz.	5.39
5/16 in.	1 lb. 14 oz.	6.39
⅜ in.	2 lbs. 2 oz.	7.39
½ in.	2 lbs. 10 oz.	8.39
⅝ in.	3 lbs. 8 oz.	9.49
¾ in.	3 lbs. 14 oz.	10.50

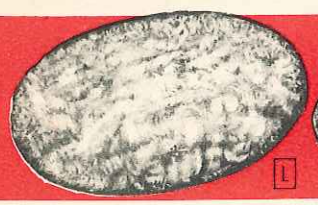
5½-in. Dado Sets

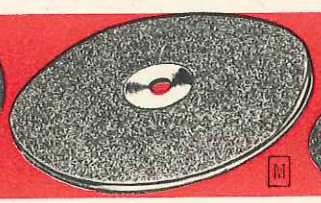
[J] **DUNLAP.** Good quality. Many uses! Tempered high carbon steel. Set includes; two 3/32-inch thick outside saws; six 1/16-inch inside chippers.
9 A 4888—With ½-inch hole. Shpg. wt. 1 lb. 10 oz. . . . Set **$4.95**
9 A 4889—With ⅝-inch hole. Shpg. wt. 1 lb. 10 oz. . . . . Set $4.95
9 A 4884—Outside saw only. Specify ½ or ⅝-in. hole. Shipping weight 9 ounces. $1.39
9 A 4881—Inside chipper only. *Specify ½ or ⅝-in. hole.* Shipping weight 3 oz. 45c

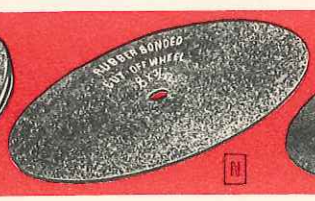
CRAFTSMAN REG. U.S. PAT. OFF. 6-in. Dado Sets

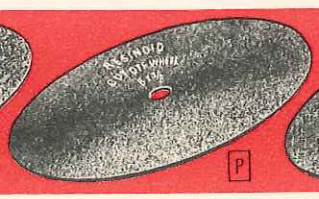
[K] Our finest professional quality. For dadoing, grooving, rabbeting, etc. Precision ground, perfectly matched chippers. Made of tempered steel. Complete set includes; two ⅛-inch thick outside saws and five chippers (four ⅛-inch thick, and one 1/16-inch thick). Shipping weight 3 pounds 8 ounces.
9 A 4874—With ½-inch hole. . . . . Set **$9.50**
9 A 4875—With ⅝-inch hole. . . . . Set 9.50

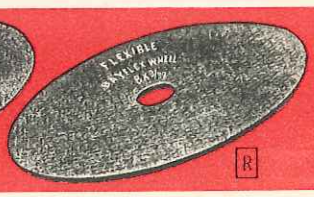
Separate Dado Saw Parts. *Specify whether ½ or ⅝-inch hole is wanted.*
9 A 4876—Outside Saw. Shpg. wt. 8 oz. . . . . Ea. **$3.89**
9 A 4877—1/16-in. Chipper. Wt. 3 oz. Ea. 59c
9 A 4878—⅛-in. Chipper. Wt. 3 oz. Ea. $1.00











Polishing Bonnet

[L] **Lambswool Polishing Bonnet.** Makes a fast, easy job of polishing wax surfaces to a high, glossy finish. Fits over 8-inch sanding plates. Has 1¼-inch pile of genuine lambswool. Diameter 9 inches. Shipping weight 8 ounces.
9 A 2539. . . . . Each **$1.79**

Lambswool Polishing Discs. (Not illustrated). Polishes waxed surfaces to a high lustre. Fits on ½-inch spindle. Has 1¼-inch pile of genuine lambswool. Diameter 8 inches. Shipping weight 8 ounces.
9 A 2529. . . . . Each **$1.79**

Sanding Wheel

[M] 8-inch diameter. ½ or ⅝-inch bore. Steel. Disc comes with insert and will fit any 8-inch or larger bench saw, having ½ or ⅝-inch arbor. Has one medium and one coarse abrasive disc for wood, attached. Shipping weight 4 pounds.
9 A 2272. . . . . Each **$2.75**

Replacement Sanding Discs. (Not shown). For 9A2272 above. 8-inch diameter. 2-inch center hole fits over any arbor. Package of six assorted; 2 each of fine, medium and coarse grit. Shipping weight 10 ounces.
9 A 2273. . . . . Package of 6 **59c**

Cut-off Wheels

[N] **Rubber bonded aluminum oxide.** 8-inch diameter by 3/32 inch thick. For ½, ⅝, or ¾-inch shaft. *State shaft size.* Shpg. wt. 1 lb.
9 A 6470. . . . . Each **98c**

[P] **Resinoid bonded.** 8-inch diameter by 3/32 inch thick. For ½, ⅝ or ¾-in. shaft. *State shaft size.* Shipping weight 1 lb.
9 A 6448—For steel sheets or tubing, etc. (aluminum oxide) . **$1.39**
9 A 6449—For tile, porcelain, etc. (silicon carbide) . . . Each **$1.69**
9 A 6455—For cast iron, brick, concrete, etc. (silicon carbide) . **$1.69**

Bayflex Abrasive Wheels

[R] It's cotton felted, aluminum oxide impregnated and resinoid bonded. Use instead of hack saw, file, sharpening wheel or circular saw. 1-inch hole. Bushings furnished for smaller shafts.
9 A 6428—*State diameter, grit and hole size*

Diam.	Thickness	R.P.M.	Grit	Shpg. Wt.	Each
6 in.	1/16 in.	10,000	120	8 oz.	$1.43
6 in.	3/32 in.	10,000	80	12 oz.	1.75
6 in.	⅛ in.	10,000	24	1 lb.	2.05
7 in.	1/16 in.	8,500	120	12 oz.	1.89
7 in.	3/32 in.	8,500	80	1 lb.	2.25
7 in.	⅛ in.	8,500	24	1 lb. 8 oz.	2.25
8 in.	1/16 in.	7,500	120	1 lb.	2.72
8 in.	3/32 in.	7,500	80	1 lb. 4 oz.	2.93
8 in.	⅛ in.	7,500	24	1 lb. 8 oz.	3.50
10 in.	⅛ in.	6,000	24	2 lbs.	5.18
10 in.	¼ in.	6,000	24	3 lbs.	7.75

The above view shows the gradual taper of a CRAFTSMAN hollow-ground blade. This means greater strength—allows saw to run without set—won't bind. Every cut has a smooth finish—much smoother than is possible with any other type of circular saw.

CRAFTSMAN REG. U.S. PAT. OFF. Circular Saws stay sharp longer

Greatly improved . . now made of Chrome-Nickel-Molybdenum steel

This steel is far superior to high-carbon steel used in most other *Circular Saws* . . . this means you get more work per hour, more hours of life per blade—yet, they're priced LESS than most ordinary carbon steel saws!

A B **CRAFTSMAN Crosscut and Rip Saws.** Professional quality. The superior steel makes these crosscut and rip saws the finest we've ever seen! Made to stand up under day-after-day production work in factories and shops. The uniform tension makes the blade run true and cut straight. Deep gullets clear out the sawdust. Accurately set and filed. *State catalog number, center hole size, and diameter of saw wanted when ordering.*

CRAFTSMAN Diam., In.	Gauge	Center Hole, In.	R.P.M.	Shipping weight	[A] 9 A 4925 Crosscut	[B] 9 A 4926 Rip
6	18	½ or ⅝	7600	8 oz.	$1.89	$1.89
7	18	½ or ⅝	6600	13 oz.	2.09	2.09
8	18	½ or ⅝	5700	1 lb.	2.29	2.29
10	16	⅝ or ¾	4600	1 lb. 12 oz.	3.39	3.39
12	15	¾ or 1	3800	2 lbs. 11 oz.	4.49	4.49

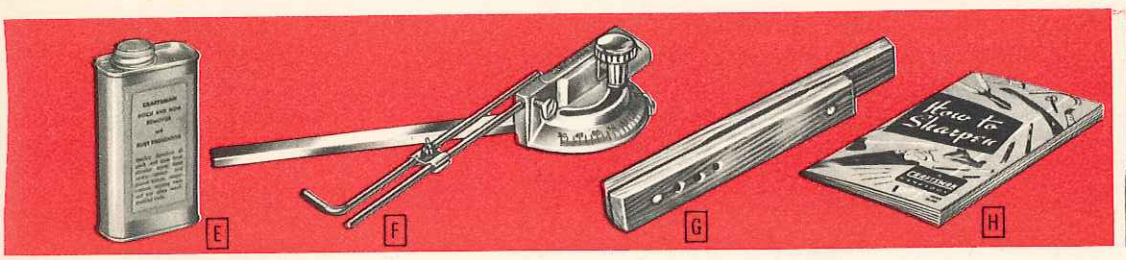
C **CRAFTSMAN Flat-ground Combination Saws** for crosscutting, ripping or mitering. Heat treated, hardened. Tensioned to run true, cut straight. Deep gullets to clear out sawdust. Cut smooth, easy—won't choke or bind. Accurately ground for superb balance . . . gives saws a better surface finish—pitch, gum won't stick readily as on conventional blades. Automatically set, filed. *State center hole size, diameter wanted.*

Diam., In.	Gauge	Center Hole, in.	R.P.M.	Shipping weight	9 A 4937
6	18	½ or ⅝	7600	8 oz.	$1.89
7	17	½ or ⅝	6600	13 oz.	2.09
8	17	½ or ⅝	5700	1 lb.	2.29
10	16	⅝ or ¾	4600	1 lb. 12 oz.	3.39
12	15	¾ or 1	3800	2 lbs. 9 oz.	4.49

D **CRAFTSMAN Hollow-ground Combination type Saws.** Taper grinding makes this the best saw for all-around work. 3-gauge taper grinding provides ample clearance for free, easy cutting. Runs without set—won't bind. Every cut has a smooth finish—smooth enough to glue without sanding. The blade has been specially filed for ripping, cross-cutting or mitering. Heat treated. Uniform tension makes it run true and cut straight. Ideal for fine woodworking.

9 A 4939—*Please be sure to state center hole size and diameter of saw wanted when ordering.*

Diam., In.	Gauge Taper	R.P.M.	Center Hole, In.	Shipping weight	Each
6	15 to 18	7600	½ or ⅝	8 oz.	$2.98
7	15 to 18	6600	½ or ⅝	12 oz.	3.29
8	15 to 18	5700	½ or ⅝	1 lb.	3.98
10	14 to 17	4600	⅝ or ¾	1 lb. 10 oz.	7.39
12	13 to 16	3800	¾ or 1	2 lbs. 9 oz.	9.75



CRAFTSMAN Gum and Pitch Remover

E Quickly dissolves all pitch and gum from circular saws, band saws, planer and jointer knives, shaper cutters, turning tools and other woodworking tools. Aids free easy cutting. Prevents rust. Easy to apply. Shipping weight 10 oz.

9 A 4918—8-oz. bottle...**49c**

CRAFTSMAN Miter Gauge

F Scaled from 30 to 90°. ¾x⅜x15 1/16-in. bar fits in miter groove in table top. Has adjustable stop rods for repetitive cuts. Stop rods included.

9 A 2246—Wt. 4 lbs... **$5.50**

9 A 2125—**Miter Gauge Stop Rods.** For repetitive cuts. Clamp. Wt. 12 oz. **$1.00**

DUNLAP Circular Saw Vise

G 2-piece slotted hardwood construction, with wing nut adjustment; holds 6 to 12-inch blades. Fits in any regular vise, or can be attached to work bench. Natural finish. Size 14½x 2x1⅝ inches. Shipping weight 1 lb. 8 oz.

9 A 4927.....**69c**

New! "How to Sharpen" Book

H CRAFTSMAN! *Over 200 illustrations!* It's easy to sharpen tools when you know how. Shows how to sharpen and care for knives, saws, drills, garden tools, chisels, axes, screwdrivers, etc. 32 pages.

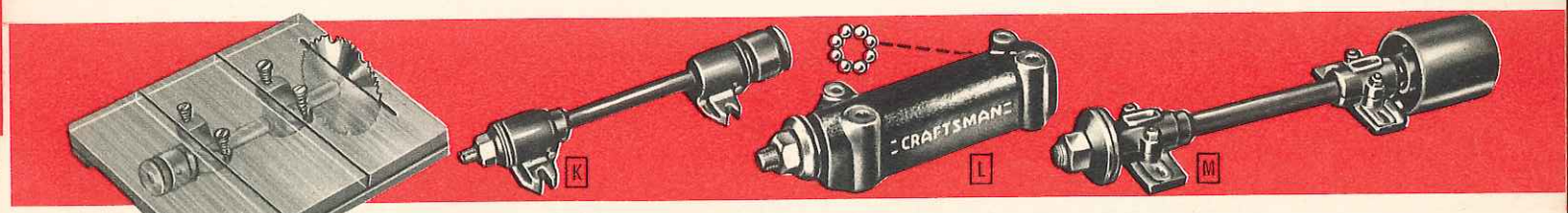
9 A 2924—Wt. 2 oz...**49c**

CRAFTSMAN Nail-Cutting Blade

J Greatly improved tooth design. Cuts lumber containing nails, wire, etc. Makes a good all-around saw for rough work—both ripping and crosscutting. Special high-carbon saw steel, heat treated and tensioned.

9 A 4928—8-inch diameter. **Round arbor hole.** For use on CRAFTSMAN Electric Hand Saw 99A02557 (page 7), and bench saws. *Specify 8 in. diameter, and ½ or ⅝-inch arbor hole.*

Shipping weight 1 pound.....**$4.95**



It's easy to make your own saw table!

You can see from the above view how the mandrels listed at right will appear when mounted under your table or work bench. Mandrels designed for easy, accurate mounting.

K **CRAFTSMAN Bronze-bearing Mandrels.** Right hand threads only. 2-inch double V-pulley for flat belt, single or multiple V-belt drive. Steel shaft; stamped steel flanges. Set collar takes up end play. Oil plugs. 14 1/16 inches long over-all. **$4.69** Size 00

9 A 4946—*Please state size.*

Size 00. ⅝-in. shaft; turned to ½ inch at ends. Threaded ½x13. Shpg. wt. 5 lbs. 5 oz.....$4.69

Size 0. ¾-in. shaft; threaded ⅝x 11 in. at ends. Wt. 6 lbs....$4.89

L **CRAFTSMAN Ball-bearing Mandrels.** Right hand threads only. Streamlined cast iron housing. Improved, compact design. Oversize precision ball bearings has the grease sealed inside for protection against dirt. **$6.25** Size 00

9 A 4948—Size 00. ⅝-inch shaft turned down to ½ inch at ends. Threaded ½x20. Length 9 13/32 inch. Shpg. wt. 3 lbs. 8 oz..... $6.25

9 A 4949—Size 0. ⅝-inch straight shaft; ends threaded ⅝x18. Length 11½ in. Shpg. wt. 4 lbs..... $6.75

M **Heavy Duty Saw Mandrels.** Precision built. High speed babbitted bearings. Machined steel collars. Cold rolled steel shaft. Set collar. With bolts. Size 00 has single V-pulley only. **$3.40** Size 00

Please be sure to state size wanted when you order.

Size	Pulley diameter and face	Shaft size inches	Shaft size at end inches	Shpg. wt.	99 A 04947 Left hand threads	99 A 04932 Right hand threads
00	.2 x2 in.	16 x ¾	½	7 lbs.	$3.40	$3.40
0	.2 x3 in.	16½x ⅞	¾	15 lbs.	5.15	5.15
1	.2½x3½ in.	16½x1 1/16	1	20 lbs.	6.50	6.50
2	.3 x4 in.	19 x1 3/16	1⅛	24 lbs.	7.95	7.95
3	.3½x4½ in.	21½x1 5/16	1¼	30 lbs.	9.75	9.75
6	.5 x6 in.	28½x1 7/16	1⅜	40 lbs.	14.50	14.50
7	.5½x6½ in.	30½x1 7/16	1⅜	50 lbs.	16.95	16.95
8	.6 x7 in.	32½x1 9/16	1½	60 lbs.	19.25	19.25

ACTUAL TESTS PROVE

the exceptional strength, accuracy and durability of this sensational band saw

B

A **$53.50** CASH
Without motor or bench
$5.50 DOWN . . ON EASY TERMS

READ THESE ACTUAL TEST RESULTS:

Blade is super-strong! Cut over two miles of 2-inch yellow pine with no sign of blade failure.

Machine is sturdiest ever! Ran continuously and perfectly for more than 500 hours while cutting over 25 miles of 1-inch yellow pine.

To withstand rugged tests like these, they MUST be good! Your shop deserves one of these great CRAFTSMAN 3-wheel band saws NOW! Order today.

CRAFTSMAN 3-wheel Band Saw

REG. U. S. PAT. OFF.

We believe it's unmatched in quality and capacity at this low price!

Vastly improved over other models! Its exclusive features and outstanding performance make it the finest 3-wheel band saw we've ever offered! Handsome, sleek, streamlined design . . . smooth operating ball-bearing construction. Much more compact than conventional 2-wheel saws of this capacity, yet it has same strength, accuracy and durability usually found only in larger saws. Ideal for model makers, woodworking and pattern shops, and cabinet makers.

Fully enclosed for extra safety. All operating parts, except actual cutting edge of blade, are completely covered. If blade should ever break, it can't fly out! Heavy, rigid, cast iron frame. Double-row ball bearings mounted integrally with drive shaft, assuring perfect alignment and smooth running operation. Double-row needle bearings on idler wheels. Rubber tires, *ground true* . . . wheels machined to close limits to assure concentricity.

Cuts to center of 24-in. circle. Makes curved or irregular cuts in wood up to 4 in. thick. It's the only saw we know of with such a low center of gravity, and a full 12-in. throat. 12x12-in. table, mounted on double trunnions, with 4 points of support instead of 2, for greater rigidity; tilts 0 to 45°. Proper blade tension positively determined by direct, built-in reading scale . . . holds firmly; prevents any tension change during operation. One ¼x62-in. blade included. (For extra blades, see 9 A 2664 listed and described below.)

SPECIFICATIONS

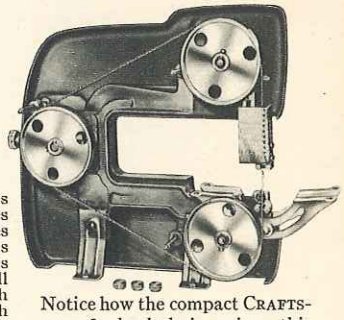
- Depth of throat.....12 inches
- Capacity of cut (maximum).....4 inches
- Table size.....12x12 inches
- Length of blade.....62 inches
- Width of blade.....3/16 to ⅜ (maximum) inches
- Bearings.....2 sets lubricated-for-life precision ball
- Machine pulley (included).....4-inch
- Motor pulley (not included).....3-inch
- Motor recommended (minimum) ...¼-H.P. 1750 R.P.M.
- Mounting dimensions.....8⅞x2 15/16 inches
- Over-all dimensions, Height 20 1/16 in.; width 12 in.; depth 28 1/16 inches.

A 99 AM 2430—Less motor, motor pulley, V-belt or bench. Shipping weight 68 pounds.....$53.50

99 AM 2433—As above, with Dunlap ⅛-H.P. 1750 R.P.M. bronze-bearing motor (110–120 volt 60-cycle A.C.); motor pulley; V-belt. Shipping weight 95 pounds.....**$70.50**

99 A 02140—**Power Tool Bench.** Described on page 9. With 2 cross slide-rails. (2 extra rails, 9 A 2016, needed; see page 9.) Shipping weight 24 pounds **$12.50**

B 9 A 2919—**"The Jig Saw and Band Saw" Instruction Book.** 32 pages; over 150 illustrations. Shpg. wt. 2 oz **25c**



Notice how the compact CRAFTSMAN 3-wheel design gives this saw a full 12-inch throat—without the great height necessary in conventional 2-wheel band saws with the same size throat. This means a lower center of gravity in a smaller frame, with more rigid construction. Has the same strength, accuracy and durability usually found only in larger band saws selling for much more.

CRAFTSMAN Band Saw Blades

REG. U. S. PAT. OFF.

Finest quality saw steel. Every blade properly set and filed for recommended use. **Please state width. 9 A 2664 is the only blade available for use on 3-wheel band saw.**

9 A 2660—For wood. 56½ in. long; ⅛ or ¼ in. wide. Shpg. wt. ea. blade 7 oz..... **98c**
9 A 2336—For wood. Skip tooth type. 58 in. long; 3/16, ¼, or ⅜ in. wide. Wt. ea. 7 oz. **98c**
9 A 2664—For wood. Skip tooth type. 62 in. long; 3/16, ¼, or ⅜ in. wide. Wt. ea. 7 oz.$1.25
9 A 2665—For wood. 63 in. long; ⅛, ¼, or ⅜ in. wide. Shpg. wt. ea. blade 7 oz..... **98c**
9 A 2657—For wood. 78 in. long; ⅛, ¼, ⅜ or ½ in. wide. Shpg. wt. ea. blade 7 oz.... **98c**
9 A 2623—For wood. 80 in. long; ⅛, ¼, ⅜ or ½ in. wide. Shpg. wt. ea. blade 7 oz. .. **98c**
9 A 2668—For brass and non-ferrous metals. 78 in. long; ¼ in. wide. Wt. ea. blade 7 oz. **98c**
9 A 2624—For brass and non-ferrous metals. 80 in. long; ¼ in. wide. Wt. ea. blade 7 oz. **98c**
9 A 2625—For steel. 80 in. long; ¼ in. wide. Shpg. wt. ea. blade 7 oz. $1.98
9 A 2715—For wood. 132 in. long. ¼, ⅜, or ⅝ in. wide. Shpg. wt. ea. blade 7 oz.... 1.98

CRAFTSMAN Special Length Band Saw Blades

REG. U. S. PAT. OFF.

9 A 2669F—Not for use on 3-wheel band saws. All blades brazed unless otherwise specified. Add 35c to cost of each blade for brazing. Shipped from factory in Chicago. **Please state correct length and width wanted, and be sure to specify if you don't want blades brazed.**

Width	Shipping weight	Per foot	Width	Shipping weight	Per foot
⅛ inch	1 ounce	14c	⅝ inch	1 ounce	20c
3/16 inch	1 ounce	14c	¾ inch	2 ounces	22c
¼ inch	1 ounce	14c	1 inch	2 ounces	24c
⅜ inch	1 ounce	15c	1¼ inches	3 ounces	32c
½ inch	1 ounce	18c	1½ inches	3 ounces	38c

Extra safe! All operating parts enclosed, except cutting edge of blade. If blade ever breaks, it's inside housing where it can't possibly fly out.

$75.95 CASH
Without motor or bench
$8.00 DOWN . . ON EASY TERMS

New! "The Jig Saw and Band Saw" 32-page instruction Book has over 150 illustrations.

Two heavy cast iron (rubber-tired) wheels have 18-in. diameter. All operating parts, except actual cutting edge of blade, covered by heavy-gauge steel casing for maximum protection to operator.

$270.00 CASH
Without motor
$27.00 DOWN . . ON EASY TERMS

CRAFTSMAN REG. U. S. PAT. OFF. 2-wheel Ball Bearing Band Saws

New! CRAFTSMAN REG. U. S. PAT. OFF. "100" 12-in. Band Saw

Heavy duty . . Cuts wood 6 in. thick

Cuts to center of 24-in. circle; up to 6-in. depth. First time in years a 12-in. 2-wheel band saw at this low price! Popular 2-wheel construction; has 4 sets of precision ball bearings. Large 14 3/16x12½-in. smooth ground cast iron table tilts 0 to 45°; has miter slot for use with 9 A 2246 miter gauge (not included; see page 11). Two 12⅝-in. diameter cast iron (rubber-tired) wheels are much heavier than conventional steel or die-cast wheels; give flywheel effect for extra-smooth operation. Saw guides above and below table; have oil-impregnated bronze blocks and ball-bearing thrust wheels. One 80x¼-in. blade included. (Extra blades 9A2623, 9A2624 and 9A2625 are listed on the opposite page.)

SPECIFICATIONS:

- Depth of throat ..... 12 inches
- Capacity of cut (maximum) ..... 6 inches
- Table size ..... 12½x14 3/16 inches
- Length of blade (one ¼-inch width included) ..... 80 inches
- Width of blade ..... ⅛ to ½ inch
- Blade speed ..... 2165 F.P.M.
- Bearings ..... 4 sets lubricated-for-life precision ball
- Machine pulley (included) 5-inch
- Motor pulley (not included) 2-inch
- Motor recommended (minimum) ..... ⅓-H.P. 1750 R.P.M.
- Mounting dimensions ..... 4⅛x13 11/32 inches
- Over-all dimensions ..... Height 37 in.; width 14 3/16 in.; length 22⅞ inches

99 AM 2428—Without motor, motor pulley, V-belt or bench. Shpg. wt. 75 lbs. **$75.95**

99 AM 2434—As above, with DUNLAP ⅓-H.P. 1750 R.P.M. bronze-bearing split phase motor (110–120 volt 60-cycle A.C.); motor pulley; V-belt. Shpg. wt. 102 lbs... **$92.95**

99 A 02140—**Power Tool Bench.** Adjustable. See page 9 for description. With 2 cross slide-rails. Two extra cross slide-rails 9 A 2016 needed for mounting motor below saw (not included; see page 9). Shpg. wt. 24 lbs. **$12.50**

9 A 2343—**Rip Fence for above Band Saw.** (Not shown.) Very handy when making straight cuts on thin pieces. For best results, use with ½-in. blade. Locks at front and rear. Necessary fittings included. Shpg. wt. 5 lbs. **$4.95**

9 A 2919—**Instruction Book.** See description at right. Shpg. wt. 2 oz. **25c**

CRAFTSMAN REG. U. S. PAT. OFF. "100" 18-in. Band Saw

Industrial type . . Extra capacity

Cuts to center of 36-inch circle in lumber up to 12½ inches thick. It's the finest 18-inch band saw we've ever sold! Just the right band saw for your pattern shop, hobby shop or plant.

Streamlined, fully-enclosed design. All operating parts except actual cutting edge of blade are covered by heavy-gauge steel casing. Has heavy-duty welded all-steel frame. Two-wheel (rubber-tired) cast iron construction.

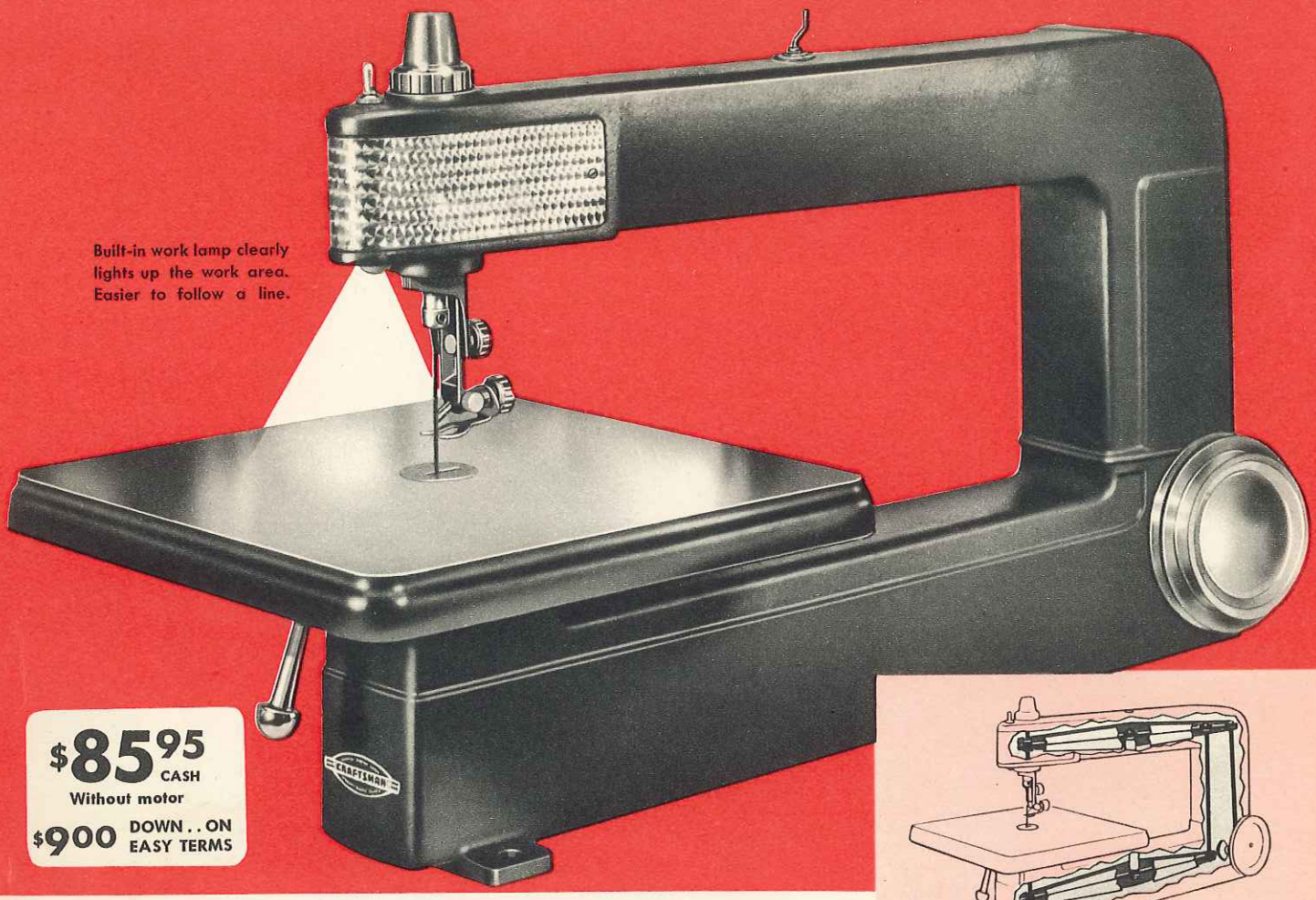
Extra-large table, 20⅛x17⅞ in., of smooth ground cast iron . . . tilts down and locks at any angle from 0 to 45 degrees. Miter gauge included. Saw guides above and below table guide blade straight and accurately . . . have ball-bearing thrust wheels . . . give you accurate, true cutting. Blade speed 3500 feet per minute. One 132x⅜-in. blade included. (For extra blades, see 9A2715 on opposite page.) **This band saw is not carried in stock or on display in many of our stores; however, shipment from factory can be made immediately.**

SPECIFICATIONS:

- Depth of throat ..... 18 inches
- Capacity of cut (maximum) ..... 12½ inches
- Table size ..... 20⅛x17⅞ inches
- Length of blade (one ⅜-in. width included) ..... 132 inches
- Width of blade ..... ¼ to 1 inch
- Bearings ..... Six sets of grease sealed precision ball
- Size of each wheel ..... 18 inches
- Machine pulley (included) ..... 7-inch Single groove V
- Motor pulley (not included) ..... 3-inch Single groove V
- Motor recommended, minimum ..... 1 H.P. 1750 R.P.M.
- Over-all dimensions ..... Height 75 inches; width 22½ inches; depth 31 inches.

99 AM 2377F—Without motor, motor pulley or V-belt. Shipped freight or express from factory in Cincinnati, Ohio; you pay transportation from there on delivery. Shipping weight 420 pounds. (See inside back cover for Easy Terms.) **$270.00**

9 A 2919—**"The Jig Saw and Band Saw" Instruction Book.** 32 pages; over 150 helpful illustrations. A handy manual of operation to enable you to get the most out of your band saw. Shipping weight 2 ounces **25c**



CRAFTSMAN REG. U. S. PAT. OFF. "100" Jig Saw

Never needs oiling or greasing!

24-in. capacity . . cuts to center of 48-inch circle

"Walking Beam" action reduces vibration, blade breakage. Cuts wood up to 2-in. thick, metal and plastic. Double-row precision ball bearings on the drive shaft assure smooth, quiet operation and long life.

By far the finest jig saw ever to bear the CRAFTSMAN name. Amazingly smooth and quiet in operation because of the time-tested "Walking-Beam" action and precision ball bearings. Meets the most rigid requirements of professional craftsmen and woodworking shops.

Extra large size table. Full 16x16 inches to give plenty of working surface; made of smooth-ground cast semi-steel. Tilts 0 to 45° on double trunnion supports; gauge shows angle of tilt. Blade chucks and table can be turned 90° for ripping long pieces.

Many super-quality features. 7½-watt work lamp built into head; lights up working area; has switch, cord and plug. Concealed sawdust blower gives a real blast of air. Entering cuts at sharp angles are possible because the new blade support guides the blade above and below the work . . . reduces blade breakage, too. Hold-down foot prevents lifting work off table on the upward stroke of blade. Hold-down is adjustable, even with table tilted. Enclosed, one-piece cast semi-steel base with rust-resisting gray enameled finish.

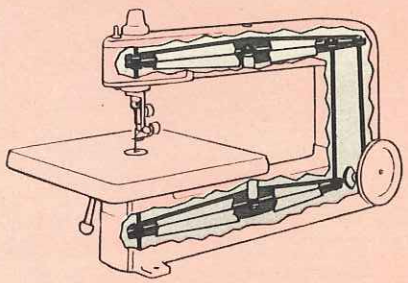
SPECIFICATIONS:

- Depth of throat.....24 inches
- Depth of cut, maximum, in wood.....2 inches
  in plastic.....1½ inches
  in brass.....3/16 inch
  in aluminum and zinc.....5/16 inch
- Table size.....16x16 inches
- Motor recommended, min....¼ H.P. 1750 R.P.M.
- Machine pulleys (included).....5 and 6-in.
- Motor pulleys (not included)....2-inch and 3-inch
- Speed.....525 and 1015 R.P.M.
- Stroke.....1 5/32 inch
- Mounting dimensions.....5⅝x30 11/16 inches
- Over-all dimensions: Height 21⅛ inches; length 39¾ inches; width 16⅝ inches

Motor can be mounted above, below or behind. One 6-inch plain end blade included. Shpg. wt. 125 lbs.

99 AM 2344—24-inch jig saw without motor.... **$85.95**

99 AM 2393—24-inch jig saw with DUNLAP ¼-H.P. 1750 R.P.M. split phase bronze bearing 110–120-volt, 60-cycle A.C. motor, 2-in. and 3-in. motor pulleys, V-belt. Shpg. wt. 149 lbs.....**$102.50**



"Walking Beam" Action

Assures smooth, quiet and accurate operation. An H-shaped stamped channel section delivers power uniformly to the blade. Eliminates a jerky return spring. The drive action operates through double-bearing guides above and below the blade.

New Manual

Jig Saw and Band Saw Manual Complete! 32 pages. Over 150 illustrations! New uses and accessories shown. Easy-to-follow directions. Paper bound. Shipping wt. 2 oz.

9 A 2919.....**25c**

New! Improved! CRAFTSMAN REG. U. S. PAT. OFF. Magnetic Jig Saw

Now! 33⅓% more power! Cuts twice as fast as our previous model . . . yet so quiet you can hardly hear it run. 1-in. capacity.

Needs no motor . . . no belt . . . no gears . . . no oiling. Just plug it in; snap the on-off switch. Magnetic power unit in base gives 7200 smooth, short cutting strokes per minute. Produces smooth edges that need no sanding. Safe, easy-to-operate . . . every member of the family can use it. The short stroke makes it safe even for children to use. It's a rugged, well made power tool. Ideal for making hundreds of articles from wood, plastic or metal. Approved by Underwriters' Laboratories, Inc.

SPECIFICATIONS:

- Depth of throat.....11 inches
- Depth of cut, maximum, in wood.....1 inch
- Table size.....8½x8 inches
- Over-all dimensions: Height 10½ inches, width 8½ inches; length 16¼ inches

All metal construction; non-slip rubber feet. Comes complete with six 5-inch pin-end blades, 5½ ft. of connecting cord and operating instructions. Use on 110–120 volt 60-cycle A.C. only.

99 A 02750—Shipping weight 14 lbs.....**$14.95**

9 A 2690—Extra Blades for above jig saw. 5 inches long. Shipping wt. 1 oz.....**6 for 25c**

CRAFTSMAN
REG. U. S. PAT. OFF.

"80" Jig Saw

Runs smoothly, quietly!

- **18-in. capacity. Cuts to center of a 36-in. circle**
- **Cuts wood, metal and plastic up to 2 inches thick**

This saw is specially designed to stand up under hard professional use . . . does a superb job in the home shop.

Modified Scotch-Yoke action assures smooth, quiet operation. Runs in bath of oil. Porous bronze main bearings. 12x12-inch cast semi-steel table tilts from 0 to 45 degrees on double pivots; gives large working surface. Frame is strongly made of cast semi-steel. Upper arm is removable for filing and saber sawing. Blade chucks rotate 90° for ripping pieces longer than 18 inches. There's no twisting of blade because shoe in chuck gives a firm grip between the blade and the clamping member. Has upper and lower blade guides. Adjustable hold-down prevents work from lifting off table.

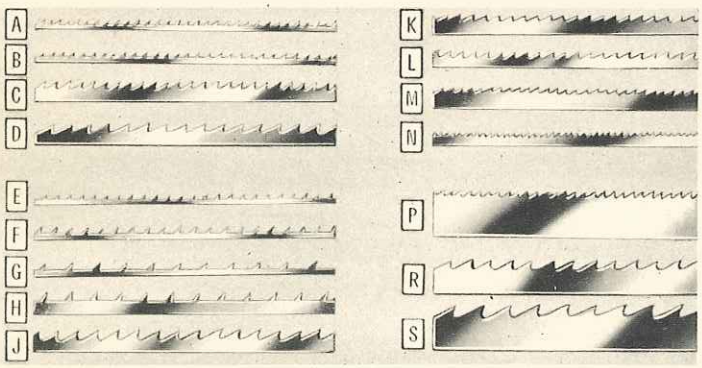
Fully enclosed coil type return spring. Built-in sawdust blower clears sawdust from working area. Uses 5 or 6-inch plain end blades (one blade included). See page 9 for description of the power tool bench shown.

SPECIFICATIONS:

- Depth of throat.....18 inches
- Depth of cut (maximum).....2 inches
- Table size.....12x12 inches
- Machine pulley (included).....4-inch
- Motor pulley (not included).....2-inch
- Motor recommended (minimum) ¼-H.P. 1750 R.P.M.
- Speed (approximate).....860 R.P.M.
- Sawdust blower.....Built into head
- Mounting dimensions.....5⅛x22 7/16 inches
- Over-all dimensions: Height 17 25/32 inches; length 29 inches; width 12 inches.

99 AM 2315—18-inch jig saw without motor, motor pulley, V-belt, and power tool bench.
Shipping weight 68 pounds.....**$36.50**

99 AM 2449—18-inch jig saw with DUNLAP ¼-H.P. 1750 R.P.M. split phase bronze bearing 110–120 volt 60-cycle A.C. motor, 2-inch motor pulley, ½x54-inch V-belt.
Without power tool bench. Shpg. wt. 92 lbs....**$52.50**

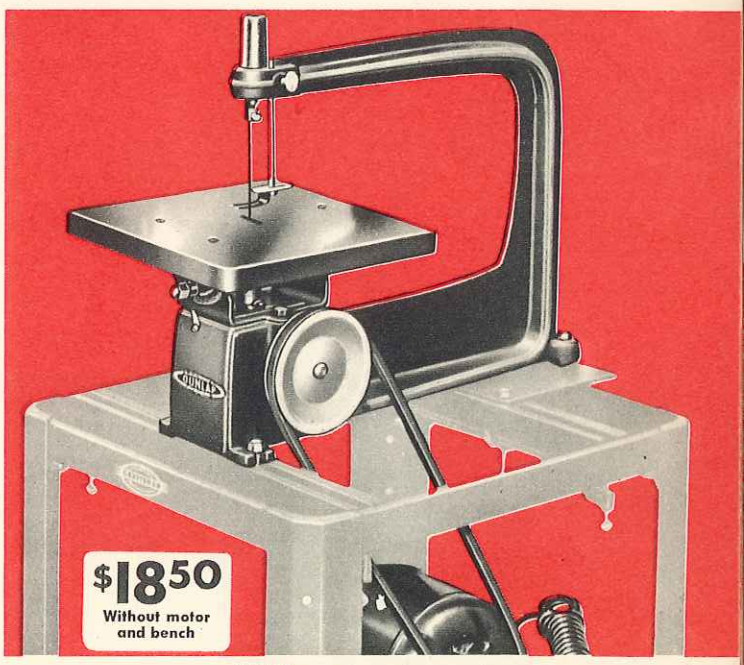


Jig, Fret and Coping Saw Blades

These high quality blades are made of special alloy **"Super-Tuff"** steel, heat treated and hardened for long life and fast, easy cutting action. This alloy is famous for its combination of toughness and exceptionally fine edge-holding qualities. 6-inch plain-end blades can be snapped off to fit machines taking shorter plain-end blades. Saber-tooth blades can be used for heavy work, as well as for saber work. Shipping weight, package, 1 oz.

25c Per pkg.

Catalog Number	Recommended uses	Length, inches	Teeth per in.	Thick, inch	Width, inch	Blades in Pkg.	Per Pkg.
	(PIN TYPE BLADES)						
(A) 9A2712	Fits hand magnetic jig saw	2¾	18	.010	.040	6	25c
(B) 9A2688	Fits magnetic jig saw	4	18	.010	.040	6	25c
9A2690	Fits magnetic jig saw	5	18	.010	.040	6	25c
(C) 9A2705	Medium, for wood	5	15	.020	.110	6	25c
(D) 9A2704	Coarse, for wood	5	10	.020	.110	6	25c
	(PLAIN END BLADES—FOR MOST JIG SAWS)						
(E) 9A2693	Extra fine for delicate cuts in wood	6	18	.010	.045	8	25c
(F) 9A2695	Fine, for cuts in thin wood	6	14	.010	.070	8	25c
(G) 9A2711	Skip tooth; for plastics and soft metals	6	7	.020	.110	6	25c
(H) 9A2710	Skip tooth; for heavier duty than 9A2711	6	7	.020	.110	6	25c
(J) 9A2700	Coarse; for wood or soft metal	6	10	.020	.110	6	25c
(K) 9A2701	Fine; for wood or soft metal	6	16	.020	.110	6	25c
(L) 9A2702	Extra fine; for wood or soft metal	6	16	.014	.078	6	25c
(M) 9A2709	Fine; for sheet metals incl. steel	6	20	.020	.110	6	25c
(N) 9A2703	Extra fine; same uses as 9A2709	6	32	.020	.070	6	25c
	(SABER BLADES)						
(P) 9A2867	For metal cutting. Similar to hack saw	6	20	.028	.250	3	25c
(R) 9A2869	For wood and soft metals	6	10	.028	.1875	3	25c
(S) 9A2866	For coarse cuts in wood	6	7	.028	.250	3	25c



DUNLAP Jig Saw
REG. U. S. PAT. OFF.

- **Cuts to center of a 24-inch circle**
- **Handles work up to 1 inch thick**

One of the smoothest operating small jig saws we know of. Ideal for use in the hobby shop or home workshop. Cuts wood, metal, plastics, etc.

Modified Scotch-Yoke action for smooth operation. Runs in bath of oil. Fully enclosed coil type spring reduces whip for smoother, more accurate operation. Adjustable blade guide and hold-down. Built-in blower clears away sawdust.

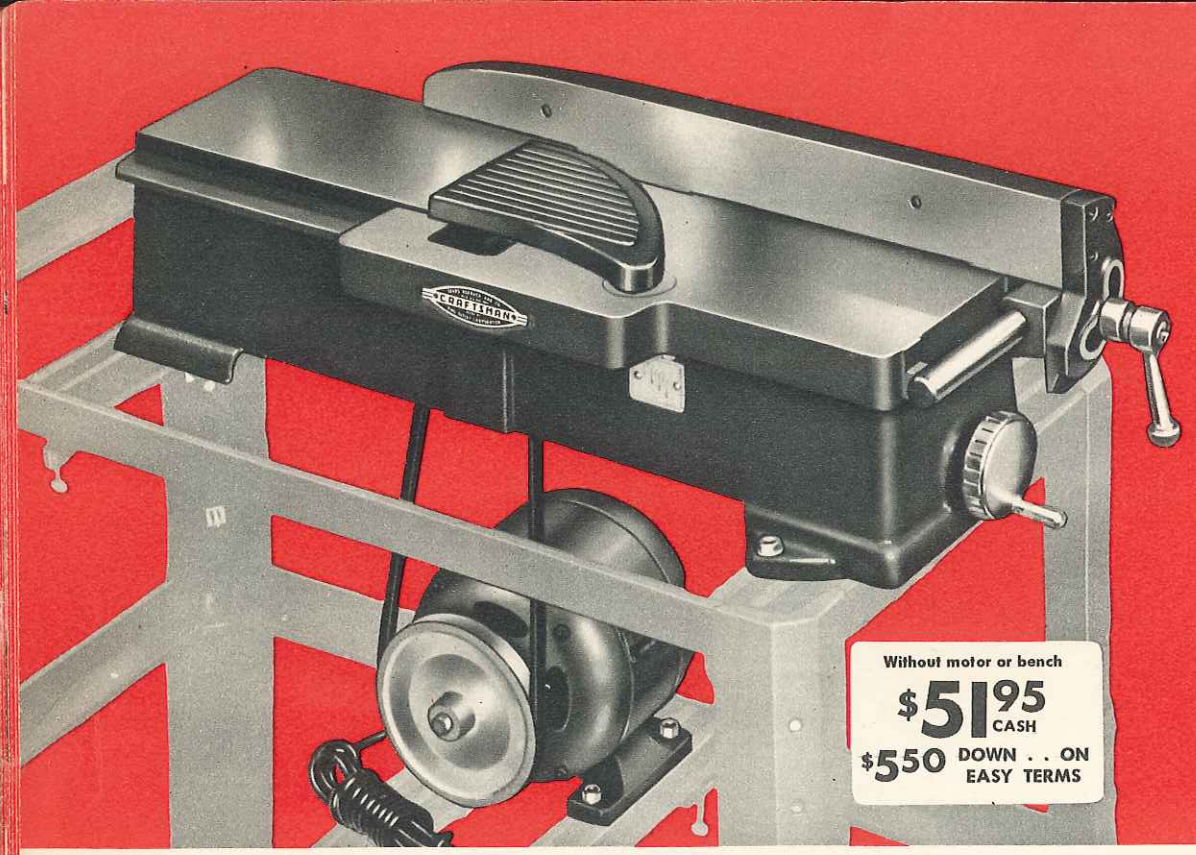
Table tilts any angle from 0 to 45°; rigidly supported at two points; has tilt indicator. One-piece cast semi-steel frame; rust-resisting gray finish. Uses 5-inch pin-type blade (one blade included). See page 9 for power tool bench.

SPECIFICATIONS:

- Depth of throat.....12 inches
- Depth of cut, maximum.....1 inch
- Table size.....9x9 inches
- Machine pulley (included).....4-inch
- Motor pulley (not included)...2-inch
- Motor recommended, minimum ¼ H.P., 1750 R.P.M.
- Speed (approximate)....860 R.P.M.
- Mounting dimensions...16¼x4⅛ in.
- Dimensions: Height 14 9/32 in.; length 17 9/16 in.; width 9 in.

99A02179—Without motor, motor pulley, V-belt or bench. Wt. 33 lbs.....**$18.50**

99 AT 2184—With ¼-H.P., 1750 R.P.M. split phase 110–120 volt, 60 cycle A.C. motor, 2-in. motor pulley, ½x45-in. V-belt. Without power tool bench. Wt. 57 lbs. **$34.50**



Without motor or bench
$51.95 CASH
$5.50 DOWN . . ON EASY TERMS

Here are some of the things you can do with a Jointer-Planer

1. The jointer-planer does the same type of planing and surfacing work as is done with a hand plane, but does the job much faster and much more accurately.
2. It is an exceptionally fine tool for making accurate glue joints. It gives the boards a straight, clean surface.
3. It also makes accurate rabbeting cuts for doors, window frames, table drawers, cabinets, etc.
4. Ideal for making square tapered cuts on chair legs and other furniture.
5. Can also be used for accurate beveling.

CRAFTSMAN REG. U. S. PAT. OFF. 4⅜-inch Jointer-Planer

With sealed ball bearings, lubricated for life . . . Precision-ground tables

An ideal jointer-planer for small woodworking shops, school shops and home workshops. A really outstanding tool for capacity, precision, speed, accuracy and smoothness of operation. Weighs much more than any other jointer-planer we know of in this price range.

Rugged construction throughout. Solid steel cutter head has three 4⅜-inch high-speed steel knives. Massive cast semi-steel base extends almost the entire length of the tool to give exceptionally rigid support to table for more accurate operation. Three-point-of-contact mounting eliminates twist.

Precision-ground tables of cast semi-steel. Three-point suspension mounting of rear table makes possible perfect alignment with front table. Front table is mounted on double set of adjustable ways for greater accuracy and ease in changing depth of cut. Gibs on ways; can be adjusted to correct for wear.

Depth of cut easily adjustable with hand wheel. Accurate gauge shows depth of cut. Controls are all clearly visible from normal operating position; can be reset without reaching under table. Quick-acting spring-loaded guard gives complete protection; can be quickly removed in one motion for rabbeting. Fence tilts up to 45° in either direction; easy-to-read protractor scale shows angle of tilt.

99 AM 2334—Without motor, motor pulley, V-belt or power tool bench. Shpg. wt. 63 lbs. . . . **$51.95**

99 AM 2317—With ⅓-H.P. 1750 R.P.M. bronze-bearing split phase motor for 110–120 volt 60-cycle A.C., 5-inch motor pulley, ½x43-inch V-belt. (Bench not included.) Shipping weight 92 pounds. **$69.50**

9 A 2291—4⅜-inch Jointer Knives (Replacement). For above jointer-planer. Set of 3. Shpg. wt. 7 oz. . . . **$3.45**

99 A 02134—Power Tool Bench. See page 9 for description. Shipping weight 28 lbs. **$13.95**

SPECIFICATIONS:

- Width of cut . . . . . 4⅜ in.
- Depth of cut . . . . . ⅜ in.
- Rabbet depth . . . . . ⅜ in.
- Length of fence . . . . . 19⅛ in.
- Spindle diameter . . . . . ½ inch
- Size, front table . . . . . 11 3/16x6⅝ in.
- Size, rear table . . . . . 11⅛x6⅝ in.
- Bearings . . . . . 2 sets sealed precision ball
- Cutter knives . . . . 3 high-speed steel, 4⅜x1 1/16x⅛ in.
- Recommended arbor speed, approx. 4500. R.P.M.
- Motor recommended (min.). ⅓ H.P. 1750 R.P.M.
- Machine pulley (included) . . . . . 2 in.
- Motor pulley (not included) . . . . . 5 in.
- Mounting dimensions . . . . . 7¾x21¾ in.
- Over-all dimensions . . . . Height 8 in.; width 9¾ in.; length 29 7/16 in.

$64.50 CASH
Without motor and bench
$6.50 DOWN

CRAFTSMAN REG. U. S. PAT. OFF. Thickness Planers

Up to 12-inch; hand feed. Exclusive open-side makes it possible to plane stock up to 12-in. wide by reversing work; planes stock up to 6-in. wide in one pass. Handles stock up to 2-in. thick; and as small as ⅛-in. thick and 4-in. long. *Holds cut within few thousandths inch.* Sealed ball bearings, lubricated for life.

SPECIFICATIONS:

- Capacity of cut, max. . . . 5/32-inch
- Table size . . . . 6 5/16x19 1/16 inches
- Cutter head . . . . . 2⅝-in. diameter
- Knives . . . . . three; 6⅛x1 1/16x⅛-in.
- Bearings. 2 sets sealed precision ball
- Machine pulley (included) . . . . 2-in.
- Motor pulley (not included) . 2½-in.
- Motor recommended (minimum) ½-H.P. 3450 R.P.M.
- Mounting dimensions . 8x10-inches
- Over-all dimensions: height 15⅞ in.; width 15¾-in.; length 19¾-in.

99 AM 2370—Without motor and bench. Shpg. wt. 85 lbs. **$64.50**

99 AM 2371—With ½-H.P. 3450 R.P.M. ball bearing capacitor motor for 110–120-volt 60-cycle A.C., 2½-in. motor pulley, ½x54-in. V-belt. Shpg. wt. 123 lbs. **$98.50**

9 A 2293—Set of 3 extra knives for above planer. Shpg. wt. 10 oz. **$4.35**

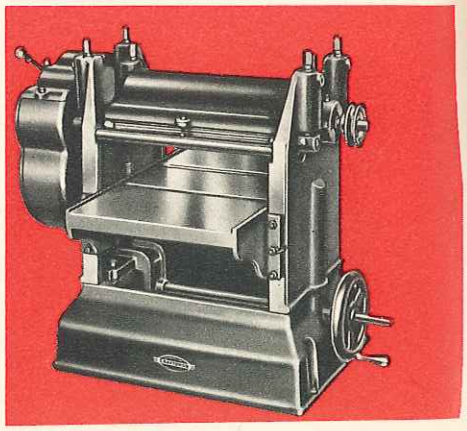
99 A 02140—Power Tool Bench. See page 9 for description. Use with 2 extra rails below. Wt. 24 lbs. **$12.50**

9 A 2016—Extra Rails for above. Use two. Shpg. wt. 3 lbs. . . . . Each 75c

$230.00 CASH
$23.00 DOWN

12-in.; power feed. Rugged, to withstand daily high-production work. Exceptionally accurate . . . holds cut to within a few thousandths of an inch. Extra-large 3⅛-in. diameter cutter head. Gears run in oil. Heavy duty sealed precision ball bearings lubricated for life.

Planes lumber up to 12-in. wide and 4 in. thick . . as short as 6 in. and as thin as 1/16 in. Scale shows depth of cut. Ribbed table is ground and fitted to one-piece cast semi-steel frame by precision machined ways. Handwheel adjusts depth of cut. Solid steel feed rolls, 1¾-in. diameter, grip lumber and feed it at rate of 17 lineal feet per minute.



SPECIFICATIONS:

- Capacity of cut, maximum . . . . 5/32 in.
- Width of cut, maximum . . . . . 12 in.
- Table size . . . . . 12x20 in.
- Size of cutter head . . . . . 3⅛ in.
- Knives . . . . . 3; size 12x⅞x⅛ in.
- Bearings . . . 2 sets sealed precision ball
- Power feed rate . . . 17 lineal feet per min.
- Machine pulley (included) . . . . . 3 in.
- Motor pulley (not included) . . . . 6½ in.
- Motor recommended (variable) . . . . . ¾ to 2 H.P.; 1750 R.P.M.
- Recommended cutter head speed, approximately . . . . . 4200 R.P.M.
- Mounting dimensions . . . . 8¾x18¾ in.
- Over-all dimensions: height 23 in.; width 33 in.; depth 20 in.

99 AM 2349F—Shipped from factory in Cincinnati from where you pay shipping charges when delivered. Without motor. Shipping weight 280 lbs. **$230.00**

CRAFTSMAN REG. U.S. PAT. OFF. 6-inch Jointer-Planer

Heavy duty . . over 42 inches long . . Sealed ball bearings, lubricated for life

By far the finest jointer-planer we've ever sold. Rugged . . . massive . . . precision built. Weighs much more than any other jointer-planer we know of in this price range. Designed to meet the most rigid requirements of professional craftsmen and industrial shops . . . that's why it does such a superb job when used in the home shop.

A **Extra heavy duty.** Will rabbet a ½-inch cut with one pass! 6-inch solid steel cutter head has 3 high-speed steel knives. Massive cast semi-steel base is extra long, to give exceptionally rigid support to tables. Three-point-of-contact mounting eliminates twist; assures more accurate operation.

Extra-long tables of precision-ground cast semi-steel. Three-point suspension mounting of rear table makes possible perfect alignment with front table. Front table mounted on double set of adjustable ways. Ways are spring loaded to correct for wear.

Depth of cut easily adjustable with hand wheel. Gauge shows depth of cut. Controls all visible from normal operating position; can be reset without reaching under table. Spring-loaded guard gives complete protection; can be quickly removed in one motion for rabbeting cuts. Cutterhead bearings are mounted in adjustable brackets to permit highly accurate alignment of cutterhead with rear table. Cutterhead assembly easily removed as a unit for precision grinding of blades.

SPECIFICATIONS:
- Width of cut.....6⅛ in.; Depth..... ½ in.
- Rabbet depth..... ½ in.
- Table size: front 16⅜x7⅞ in.; rear 17⅞x7½ in
- Bearings.....2 sets sealed precision ball.
- Cutter knives...3 high speed steel, 6⅛x1 1/16x⅛ in.
- Recommended arbor speed. Approx. 4500 R.P.M.
- Motor recommended (min.) ½-H.P. 3450 R.P.M.
- Machine pulley (included.....2-in.
- Motor pulley (not included).....2½-in.
- Mounting dimensions.....8⅝x32¼ in.
- Over-all dimensions: height 11¾ inches; width 20 inches; length 42½ inches.

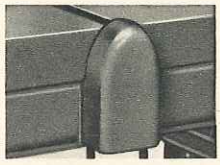
99 AM 2390—Without motor, motor pulley, V-belt or power tool bench. Shpg. wt. 155 lbs. **$106.95**

99 AM 2391—With ½-H.P. 3450 R.P.M. ball bearing capacitor motor for 110–120 volt 60-cycle AC, 2½-in. motor pulley, ½x45-in. V-belt. (Bench not included). Shipping weight 193 pounds.....**$140.95**

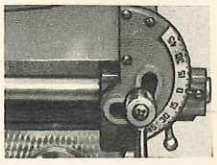
9 A 2293—**6⅛-inch Jointer Knives (Replacement).** High speed steel; expertly ground. Set of three for above Jointer-Planer or 99AM2370 Thickness Planer on opposite page. Shpg. wt. set of three 10 oz....**$4.35**

9 A 2013—**Steel Mounting Plates.** Necessary for mounting above Jointer-Planer on 99A02134 power tool bench (see page 9). Set of 2. Shpg. wt. 4 lbs.....**98c**

B 9 A 2916—**Jointer, Shaper and Thickness Planer Handbook.** Contains 32 pages, 175 illustrations. Covers set-ups and special operations, adjustments, sharpening, etc. Shpg. wt. 2 oz.....**25c**



A guard encloses belt and pulley for maximum safety. These are the only moving parts, aside from the cutter head.



Fence tilts up to 45° in either direction; locks in place. Accurate, easy-to-read protractor scale shows angle of tilt.

CRAFTSMAN REG. U.S. PAT. OFF. "100" 20-inch Power-Feed Thickness Planer

C Extra heavy duty! Super-quality in every detail of construction. A real production tool, designed to meet the planing needs of lumber mills, factories, and every type of woodworking shop.

Its range of speeds, 20 and 40 linear feet per minute, (or 40 and 80 linear feet per minute by changing sprocket) assures the user a machine that can handle the heaviest type of roughing work or the finest cabinet finish and pattern shop planing with ease.

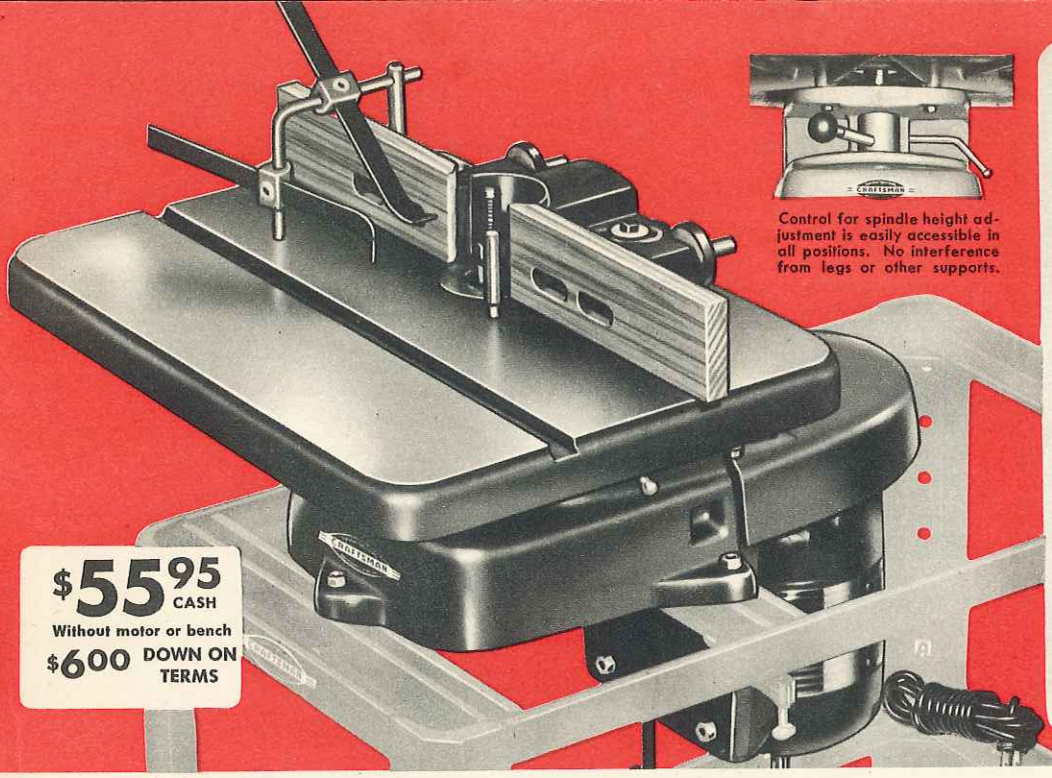
Extra-large capacity. Planes lumber up to 20 inches wide and 6 inches thick. Maximum depth of a single cut is ⅜ inch depending on type of wood. Scale indicates depth of cut; handwheel adjusts depth.

Superior construction. Heavy welded base, alloy steel head, high-speed steel knives and hardened gears. Bed is of semi-steel; close-grained castings are supported by large anti-friction thrust bearings.

Safety-type cutterhead mounted on heavy-duty ball bearings. Solid steel feed rolls 2⅛ inches in diameter.

SPECIFICATIONS:
- Capacity of cut, maximum.....⅜ inch
- Width of cut, maximum.....20 inches
- Table size.....34x20 inches
- Size of cutter head.....4¼ inches
- Knives.....four; size 20x1x⅛ inch
- Bearings for cutter-head..2 sets of precision ball
- Power feed rate.....20 and 40 lineal feet per minute, or 40 and 80 lineal feet per minute
- Machine pulley (included).....3.4 inches
- Motor pulley (incl.)...2-step; 3.4 and 6.4 inches
- Motor recommended (variable) .....3 to 10 H.P.; 1750 R.P.M.
- Recommended cutter-head speed, approximately.....3600 R.P.M.
- Dimensions: height 47 in.; width 41 in.; depth 36 in.

99 AM 2757F—Shipped from factory in Cincinnati, Ohio, from where you pay shipping charges when delivered. Motor is not included. Shpg. wt. 1240 lbs. Terms: $97.50 down $53.50 monthly..Cash **$975.00**



Control for spindle height adjustment is easily accessible in all positions. No interference from legs or other supports.

$55.95 CASH
Without motor or bench
$6.00 DOWN ON TERMS

SPECIFICATIONS:

- Cutter height capacity . . . 2½ inches
- Cutter bore . . . . . ½ inch
- Bearings . . . 2 sets sealed lubricated-for-life radial ball
- Table size . . . . . 21x15 inches
- Table height (stationary) . . . 8⅜ in. above base
- Miter gauge slot . . . ¾ inch wide; ⅜ inch deep
- Length of fence (adjustable) . . . . . 18¾ to 21 inches
- Spindle diameter . . . ½ inch ends; 13/16 inch in center
- Spindle thread . . . ½ inch x 16 Acme
- Spindle travel . . . . . ⅞ inch
- Spindle speed, recommended . . . . . 9,000 R.P.M.
- Machine pulley (included) . . . 2-inch
- Motor pulley (incl.) . . . . 4⅜-in. flat
- V-belt (included) ½x33-inch
- Motor recommended (minimum). ½-H.P. 3450 R.P.M.
- Mounting dimensions . . . . . 3 holes (2 rear are 11½ in.; front is 9¼ in.)
- Over-all dimensions. . Height 11½ in.; width 21 in.; depth (without motor guard) 15 in.

CRAFTSMAN REG. U. S. PAT. OFF. high-speed Wood Shaper

Either side of fence easily adjustable without disturbing the other

Designed for high-speed, light duty production work. Cuts smoothly and rapidly at all possible angles to the grain of wood, using shaper cutters below.

Four features exclusive in this price range! (1) BOTH sides of fence adjustable without loosening fence assembly. (2) Three-point mounting. (3) Collars, nuts and washers **hardened** to prevent burring. (4) Floating upper bearing for greater accuracy . . . two sets of sealed radial ball bearings, lubricated for life.

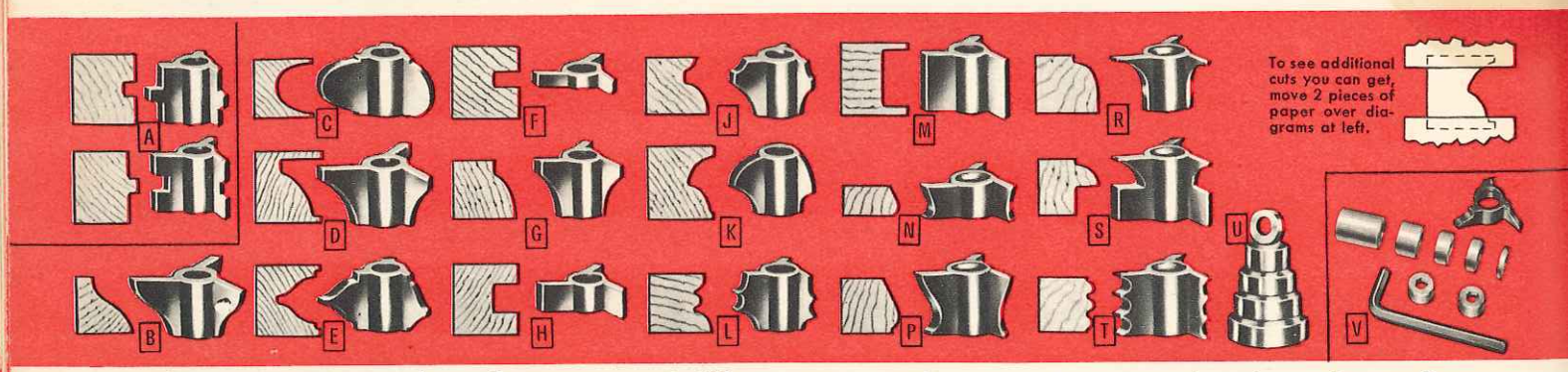
Extra-large, 21x15-inch ground cast semi-steel table. Spring hold-downs hold work securely against table and fence while cutting. Table has miter gauge slot. Solid-type spindle construction—instead of interchangeable style—assures accurate concentricity. Reversible; rotates in either direction. Larger spindle diameter between bearings; same principle of design used in expensive grinding and boring machines; helps prevent whip and vibration.

Built-in guard completely encloses belt and motor pulley; adjustable for different belt lengths. Flat motor pulley (supplied) helps prevent belt misalignment when raising or lowering spindle. Comes with 3 spindle collars; machine pulley; motor pulley; and ½x33-inch V-belt. Shaper cutters described and sold separately below. Only $6.00 down on Sears Easy Terms.

99 AM 2392—CRAFTSMAN Shaper as above, without motor or power tool bench. Shipping weight 77 pounds **$55.95**

99 AM 2406—As above, with ½-H.P. 3450 R.P.M. 110–120 volt 60-cycle A.C. ball-bearing capacitor motor. Shipping weight 114 pounds **$88.50**

9 A 02134—**CRAFTSMAN Power Tool Bench.** (See page 9 for complete description.) Height adjustable from 22 to 32 inches. Length 30 inches. With 4 cross slide-rails. Shipping weight 28 lbs **$13.95**



To see additional cuts you can get, move 2 pieces of paper over diagrams at left.

Shaper Cutters for shaper or drill press . . Give work a professional touch!

High speed cutters of finest quality special alloy steel; ground to exact dimensions; for use on wood shaper: can also be used on drill press with 9 A 2444 adapter (see page 31). Cutters have ½-inch bore. Easily resharpened by grinding the flat surface ahead of the cutting edge, using fine-grit wheel (preferably cone-type).

You can make hundreds of additional cuts with full range of cutter sizes, using only part of cutter edges. Diagram opposite each cutter illustration above shows full cut produced. To get a cut not shown, place two pieces of paper on upper and lower parts of diagram, and move the paper up and down until you arrive at the shape of cut you want. By using the corresponding part of the cutter edge, you can make the cut represented by the part of diagram not covered by the two pieces of paper. (See example in sketch above at right.) Use shaper collars 9 A 2367 (listed and described at right) to regulate depth and height of cut wanted.

[A] **Matched set of tongue and groove cutters.** A matched set of tongue and groove cutters to be used with your shaper or drill press. Precision ground and matched for accurate fit. ½-inch bore; 1-inch high; ⅞-inch radius. Shpg. wt. 10 oz.
9 A 2365 . . . . . Set **$3.85**

Large size shaper cutters. Precision machined. Accurately ground, keen, long-lasting edges. Shipping weight each 8 ounces.

[B] 9 A 2347—1-inch high; 1¼-inch radius **$2.85**
[C] 9 A 2346—1-inch high; 1¼-inch radius **2.85**
[D] 9 A 2348—1-inch high; 1¼-inch radius **2.85**
[E] 9 A 2345—1-inch high; 1¼-inch radius **2.85**

Small size shaper cutters. Precision machined. Accurately ground to exact dimensions; keen, long lasting edges. Shipping weight each 6 ounces.

[F] 9 A 2319—¼-inch high; ⅞-inch radius **$1.40**
[G] 9 A 2323—1-inch high; ⅞-inch radius **2.00**
[H] 9 A 2321—½-inch high; ⅞-inch radius **1.70**
[J] 9 A 2329—1-inch high; ⅞-inch radius **2.00**
[K] 9 A 2335—1-inch high; ⅞-inch radius **2.00**
[L] 9 A 2327—1-inch high; ⅞-inch radius **2.00**
[M] 9 A 2333—1-inch high; ⅞-inch radius **2.00**

Specialized shaper cutters. ⅞-inch radius. Shipping weight each 4 oz.

[N] 9 A 2380—Small Picture Frame Cutter. ½-inch high **$2.00**
[P] 9 A 2395—Large Picture Frame Cutter. 1-inch high **2.00**
[R] 9 A 2309—Shoe Molding Cutter 1-inch high **2.00**
[S] 9 A 2369—Cupboard Door or Drawer Cutter. 1-inch high **$2.00**
[T] 9 A 2376—Beaded Screen Molding Cutter. 1-inch high **2.00**
[U] **Set of 5 Shaper Collars.** Mount beneath shaper cutters (above and at left) to control depth of cut on curved work. Fit ½-inch spindle.
9 A 2367—Shpg. wt. 6 oz . . . . . Set **$1.98**
[V] **Sash and Door Cutter Kit.** Fits shaper 99 AM 2392 above and former shaper 2381. Use with 9 A 2444 adapter (see page 31).
9 A 2407—Shpg. wt. 7 oz **$3.49**

Pay for your power tools and accessories as you use them! See inside back cover for details on Sears Easy Terms

Take the hard work out of sanding!

CRAFTSMAN 6-in. Sander

REG. U. S. PAT. OFF.

[A] Heavy duty! Extra large capacity! One of the most versatile and useful CRAFTSMAN power tools. We believe it's the ONLY sander in this price range on which the sanding belt can be operated at any angle from vertical position to horizontal position. 17 9/16-inch long belt table is 6½ inches wide . . . provides over 100 square inches of sanding surface . . . more than double that usually found in sanders in this price range! You can sand both flat and curved surfaces . . . end grain and small work with the 9-inch disc; curved and irregular work with the end drums, and all types of flat work with sanding belt. Sanding disc, table, miter gauge and fence are all included . . . they are NOT extras as on many other sanders of this type!

Large, adjustable work table can be tilted to any angle from 0 to 45 degrees! We know of NO other sander with this feature in this price range! Work table is easily, quickly transferable from end to side for use with sanding disc. Miter gauge (furnished) fits slot in table.

Exclusive quick-change belt release. Change from belt of one grit to another in seconds! Lever releases belt tension. Position of sanding belt table easily adjusted. 3-inch diameter drums; one rubber-covered. Tension adjustment on idler pulley brackets is controlled by hand knobs instead of awkward double lock nut set-up. Both drive pulley and idler pulley are slightly lower than belt table surface to prevent gouging of long work.

Rugged, long-life construction. Large self-lubricating bronze bearings insure long life and smooth operation. Oil well around each. Tables and frame made of durable cast semi-steel, with gray enamel finish. Comes complete with adjustable work table; miter gauge; 9-inch abrasive disc; adjustable stop guard; 6x48 5/16-inch sanding belt; and 3-inch machine pulley. For extra sanding discs and sanding belts, see 9 A 2526 and 9 A 2167 listed below.

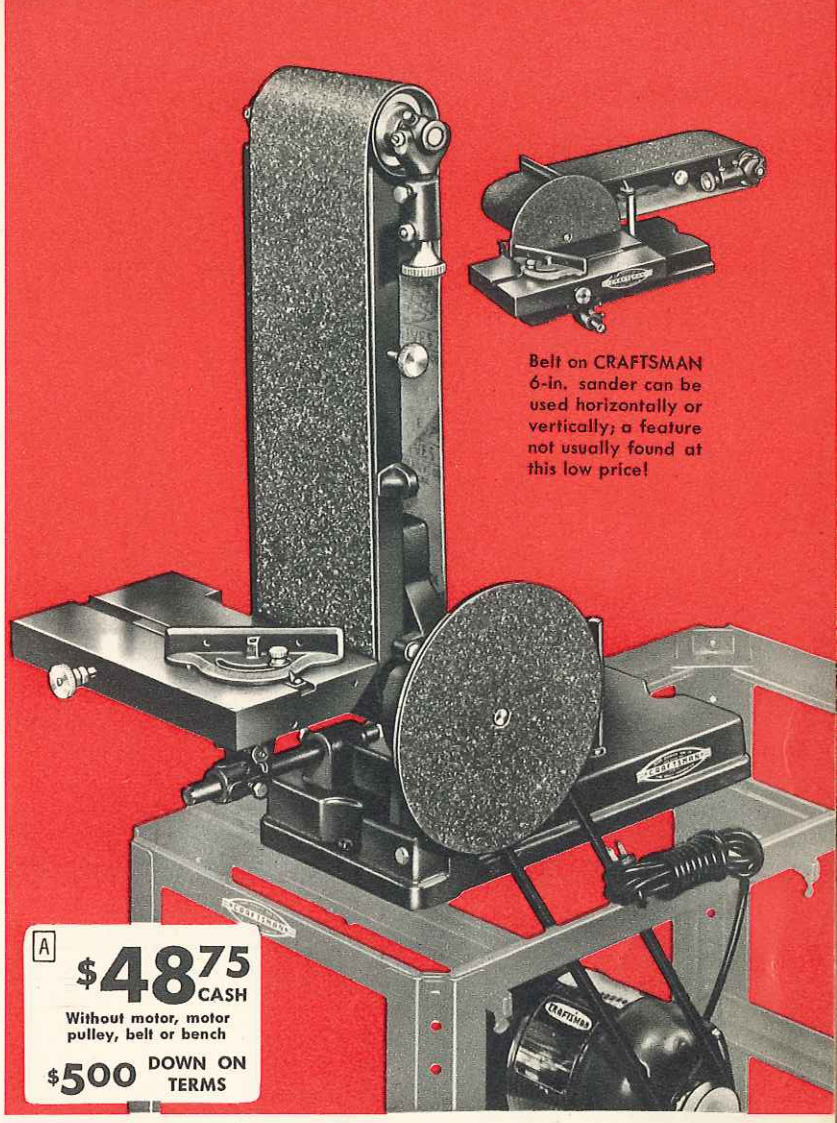
SPECIFICATIONS:

- Width of belt.....6 inches; Circumference of belt..48 5/16 inches
- Table size—sanding belt table.....6½x17 9/16 inches
  sanding disc table.....6⅛x12 inches
- Diameter of disc sander.....9 inches
- Bearings.....Four self-lubricating bronze
- Drum diameter.....3 inches
- Machine pulley (included).....3 inch
- Motor pulley (not included).....2½ inch
- Motor recommended, minimum.....⅓ H.P. 1750 R.P.M.
- Mounting dimensions.....7x15 3/16 inches
- Over-all dimensions..... Height 11¼ in.; width 20⅛ in.; lgth. 28⅜ in.

99 AM 2235—CRAFTSMAN 6-inch Belt and Disc Sander as above, without motor, motor pulley, V-belt or bench. Shipping weight 67 lbs.....**$48.75**

99 AM 2233—CRAFTSMAN 6-inch Belt and Disc Sander as above, with ⅓-H.P. 1750 R.P.M. capacitor ball-bearing 110–120 volt 60-cycle A.C. motor, 50x½-in. V-belt and 2½-in. motor pulley. Shpg. wt. 101 lbs.....**$79.95**

99 A 02134—**Power Tool Bench.** Adjustable. (See page 9 for description.) 4 cross slide-rails included for mounting motor. Shpg. wt. 28 lbs.....**$13.95**



DUNLAP 4-inch Sander

OUR OWN TRADE MARK

[B] Strong, rigid, compact . . . ideal for the home workshop. Do flat work with sanding belt; end pulleys can be used as sanding drums for curved and irregular work. Can be used on wood or metal. 3-point mounting. Self-lubricating porous bronze bearings. Cast semi-steel body and table. Simple belt tracking adjustment. Fence adjustable; easily removed. With adjustable stop guard; 4x36-in. medium-grit sanding belt; machine pulley. For extra sanding belts, see 9 A 2215 described and illustrated below.

SPECIFICATIONS:

- Width of belt.....4 inches; Circumference of belt....36 inches
- Size—sanding belt table.....4⅜x12 inches
- Bearings.....Porous bronze
- Drum diameter.....2½ inches
- Machine pulley (included).....2-inch
- Motor pulley (not included).....2-inch
- Motor recommended, minimum.....¼-H.P. 1750 R.P.M.
- Mounting dimensions.....5 15/32x7 9/16 inches
- Over-all dimensions.....Height 6 3/16 in.; width 9 in.; length 16⅝ in.

99 A 02236—DUNLAP 4-in. Belt Sander as above, without motor, motor pulley, V-belt or bench. Shipping weight 19 pounds.....**$18.50**

99 AT 2222—With ¼-H.P. 1750 R.P.M. bronze-bearing split phase motor (110–120 volt 60-cycle A.C.); motor pulley; V-belt. Shpg. wt. 43 lbs..**$34.50**

99 A 02140—**Power Tool Bench.** (Described on page 9.) Adjustable. 18 in. long. With 2 slide cross-rails. 2 extra cross slide-rails 9 A 2016 (described on page 9) needed for mounting motor. Shpg. wt. 24 lbs.....**$12.50**

Belt Sander Accessories

[C] **Disc Cement.** Holds sanding discs to metal or wood sanding plates. Non-drying to permit quick change of discs.

9 A 2219—4¾-oz. stick. Shipping weight 6 ounces.....**39c**

9 A 2229—16-oz. stick. Shipping weight 1 lb. 2 oz.....**79c**

[D] **Cement.** Fastens abrasive discs to metal plates. Sets quickly and holds firm. Shipping weight 1 pound 2 ounces.

9 A 2535—½ pint bottle.....**49c**

[E] **Abrasive Sanding Discs.** 9-in. diameter. Aluminum oxide on paper. For wood or metal. *State fine, medium or coarse grit.*

9 A 2526—Shipping weight per package 8 oz.

Package of 6 fine grit for.....**69c**

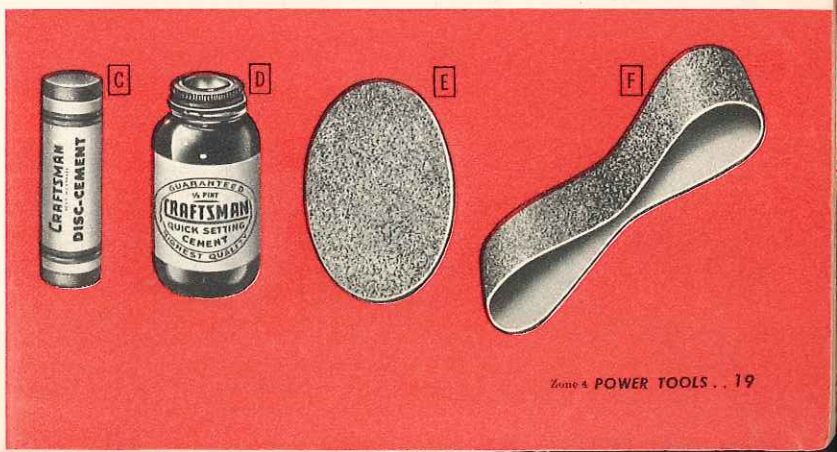
Package of 6 medium grit for.....**69c**

Package of 5 coarse grit for.....**69c**

[F] **Sanding Belts.** Endless construction. Aluminum oxide on cloth. For sanding wood or metal. Fine, medium or coarse grit. *State grit wanted.*

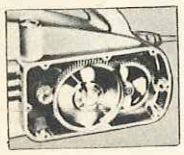
9 A 2215—4x36-in. Shipping weight 4 oz.....**59c**

9 A 2167—6x48 5/16 in. Shipping weight 8 oz.....**$1.15**

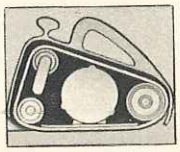


CRAFTSMAN REG. U.S. PAT. OFF. Belt Sander

Direct spiral gear drive, 3-drum design



The new 3-drum design makes possible a direct spiral gear reduction from motor to drive shaft.



3-drum design permits mounting motor in center, inside housing for better balance and protection.

We believe the 3-drum design is one of the most important developments in portable sanders in the last 25 years. Really a beautiful tool . . . streamlined . . . compact . . . and a marvel of smooth efficient operation. Notice that it is not a small tool, but a full-size 3-inch sander. You'll agree it takes the hard work out of one of the most tiresome jobs in woodworking. Really an important addition to your tool shop.

Guaranteed 1 year. If this sander shows any defect in materials or workmanship, we will repair it without charge if returned within one year after purchased.

Greater sanding surface. The 26¾ x 3-inch sanding belt is longer and wider than belts used on conventional 2-drum sanders of the same size. This means longer life with fewer belt changes; operating expenses are cut and time is saved.

Approved by Underwriters' Laboratories. Frame and housing are made of light, strong die-cast aluminum. Clean, functional design permits you to get close to walls and into corners. Quick-change belt release on outside of housing. All three drums have dust-protected, self-lubricating bronze bearings. Built-in fan cools the motor. Safety trigger switch must be held in "on" position; this prevents sander from running off table accidentally. Powerful G.E. universal ball-bearing motor (110–120 volt, 25 to 60-cycle AC-DC) develops ¾ H.P. maximum; has heat and abrasion resistant Formex insulation that helps prevent burn out. 10-foot 3-wire cord; plug; with 3 silicon carbide belts, lubricant. 8 inches high.

SPECIFICATIONS:

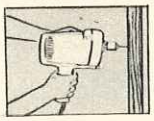
- Belt size: Width . . . . . 3 inches — Length . . . . . 26¾ inches.
- Bearings: Motor . . . . . Precision ball — Drums . . . . . Self-lubricating.
- Free speed of belt . . . . . 1200 feet per minute.
- Gears . . . . . Spiral cut steel.
- Dimensions . . . . . Height 8 inches; length 11¼ inches; width 5 inches.

99 A 02556—Sander without case. Shipping weight 16 pounds **$61.00**

99 A 02230—Sander with steel case. Shipping weight 22 pounds **65.95**

DUNLAP REG. U.S. PAT. OFF. 6 Tools in One

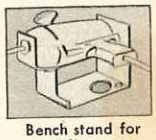
Drills, Sands, Grinds, Buffs, Polishes, Mixes!



Drill wood, metals, and plastics

Polish your car amazingly fast!

Sand and polish furniture, etc.



Bench stand for grinding, etc.

We've made many careful comparisons and sincerely believe this great new **Dunlap** set is unmatched *anywhere* in this price range. It drills, sands, grinds, buffs, polishes, mixes . . . truly the greatest tool value of its type we've ever seen. Just try it. You'll agree . . . it's really outstanding in its field.

Hundreds of uses. Men will find it an amazing work saver in polishing the car . . . and in doing those many "finishing" jobs in the workshop. Women, too, will find it ideal for those many tiresome cleaning tasks in the home . . . polishing furniture, woodwork, silverware, etc. You can use it on wood, metal, plastic, cement, stone, wallboard, etc., and on flat or curved surfaces. Also an excellent tool for quickly and thoroughly mixing paint.

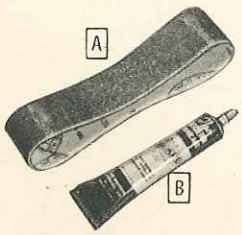
Guaranteed one year. If this tool shows any defect in materials or workmanship, we will repair it without charge *if returned within one year after purchase.*

Approved by Underwriters' Laboratories. Die cast aluminum alloy frame combines strength and lightweight construction. Oil-retaining porous bronze bearings and ball thrust bearing. Special alloy helical cut gears. Convenient double pole trigger switch with lock for continuous running. Slide handle design with special auxiliary knob handle. ½-inch x 20-thread spindle. Powerful .22 horsepower universal motor for 110–120-volt 25 to 60-cycle AC or DC. Free disc speed 2000 R.P.M. 8 foot cord and plug.

99 A 02567—Sander-Buffer-Polisher with 6-inch sheepskin bonnet, 5½-inch rubber sanding disc, six 6-inch abrasive discs, 2 flanges, 2 hex nuts, ¼-inch chuck, 4x½-inch cloth buffer, 10-piece (1/16 to ¼-inch) *high speed drill set* (not carbon bits usually found in most electric drill sets); paint mixer, horizontal stand, 4x½-inch grinding wheel, 4x½-inch wire wheel and steel case. Overall height with disc 9 inches. Shipping weight 15 pounds **$34.95**

9 A 2569—Sander, buffer, polisher with sheepskin bonnet, rubber sanding disc, 6 abrasive discs, 2 flanges, 2 hex nuts only. Without case. Wt. 12 lbs **$23.95**

Replacement Belts . . . Lubricant



A **Belts for Portable Sander.** 3 x 26¾ inches. Made of long-life Silicon carbide abrasive on strong cloth. Grit: 00 (extra fine), 0 (fine), 1 (medium), 2 (course), or 4 (extra course). Grit 4, open coat, best for removing paint, varnish, etc.

9 A 2231—**Please state grit wanted.** Shpg. wt. 4 ounces . . . . Each **32c**

B **Lubricant.** 2-ounce tube of Lubriplate No. 30. Recommended for belt sander above. Handy tube fits compactly in tool or sander case. Be sure to keep sander well lubricated.

9 A 2568—Shipping weight 4 ounces **42c**

Extension Cord

By using proper size extension cord you assure full voltage and top running efficiency from portable electric tools and motors. 25 feet of heavy No. 10 gauge wire; rubber covered. Type "SJ." With heavy duty unbreakable rubber plug and connector. Approved by Underwriters' Laboratories, Inc., for your protection from faulty construction.

34 A 5884—Wt. 4 lbs. 11 oz. **$7.50**

A tremendous work saver when used in polishing your car. Do it fast and easy!

Can be used for sanding flat, curved, or irregular surfaces efficiently.

Can also be used for drilling (with adapter sold separately at bottom of page).

Wonderful for polishing furniture, woodwork, silverware, etc.—fast!

CRAFTSMAN REG. U.S. PAT. OFF. Disc Sander-Polisher-Buffer

Our finest quality! Precision ball bearing construction for heavy duty use

No wonder it has become so tremendously popular! One of the most useful power tools we've EVER sold! Has literally hundreds of applications. You can use it for sanding, polishing and buffing on woodworking jobs, floors, walls, furniture, metals, etc. And with the accessories listed below you can ALSO drill and grind; remove rust, scale, paint, etc.; and easily polish floors. Can be used on wood, metal, plastic, concrete, stone, wallboard, etc., on either flat or curved surfaces.

Guaranteed 1 full year. If this sander-polisher shows any defects in materials or workmanship we will repair it without charge if returned within one year after purchase.

A marvelous work saver. No rubbing! No pressing! No more aching arms and back! Just plug it in, snap the switch . . . and z-i-p . . . this machine does the job. Swiftly puts a beautiful polish on your car . . . and easily does many sanding and buffing jobs in your shop. Women! Watch it sail through those many tiresome polishing tasks in the home. It weighs only 6 pounds . . . and is practically as easy to use as an electric iron.

Super quality construction throughout. Approved by Underwriters' Lab. A marvel of smooth, quiet operation because of the precision ball bearings and helical gears. Light, strong die cast aluminum alloy frame. Dual-purpose knob for 2-hand control may be mounted on either side. Has a convenient non-locking trigger switch in the handle. Motor mounted directly over disc to provide maximum power and perfect balance. Heavy duty General Electric universal motor develops ¼-H.P. maximum; has Formex insulation for longer motor life.

Accessories included. 10-ft. 3-wire rubber covered cord with plug, 6-inch flexible rubber sanding disc, 7-in. lamb's wool buffing bonnet, 6 assorted sanding discs, socket wrench for attaching discs.

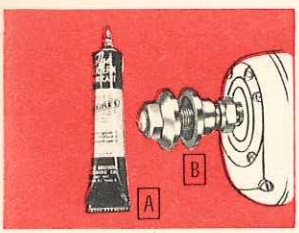
SPECIFICATIONS:

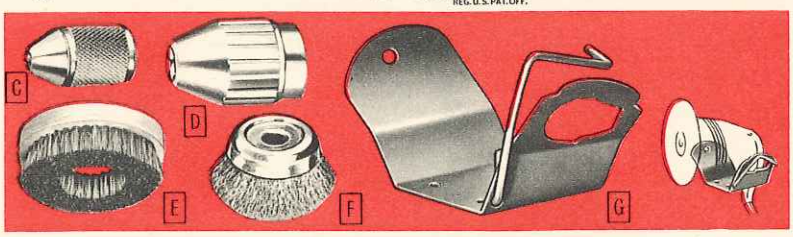
- Disc size, diameter . . . . . 6 inches
- Over-all height, with disc . . . . . 7 inches
- Bearings . . . . . Precision ball
- Gears . . . . . Helical
- Free speed of disc . . . . . 1600 R.P.M.
- Normal full load speed . . . . . About 1000 R.P.M.
- Switch . . . . . Trigger type; non-locking
- Motor . . . . . G.E. Universal type for 110–120 volt 25–60 cycle A.C. or D.C.
- Length of cord . . . . . 10 feet

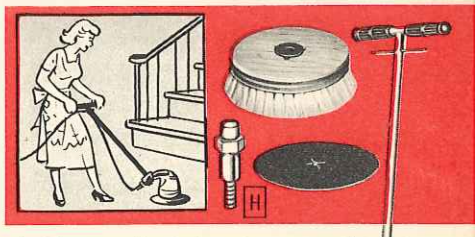
99 A 02558—**CRAFTSMAN Electric Disc Sander-Polisher-Buffer** with accessories listed above, less steel carrying case. Shipping weight 10 lbs **$37.95**

99 A 02561—**CRAFTSMAN Electric Disc Sander-Polisher-Buffer with Steel Case.** Same as above, but with handy all-steel carrying case which holds the sander and all the accessories. Shpg. wt. 12 lbs **$41.95**

Handy Accessories for the CRAFTSMAN REG. U.S. PAT. OFF. Disc Sander-Polisher-Buffer







A **Lubricant.** Lubriplate No. 30, for above.
9 A 2568—2-oz. tube. Shpg. wt. 4 oz. **42c**

Sanding Discs. (Not shown). Diameter 6 in. Silicon carbide abrasive. **State grit wanted.**
9 A 2562—Grits: 00 (extra fine); 0 (fine), 1 (medium); or 2½ (coarse). Package of 6 any one grit. Shipping weight 7 ounces **35c**
9 A 2562—Grit: 4 (extra coarse); open coat. Best for removing varnish, paint, etc. Package of 6. Shipping weight 8 ounces **55c**

B **Adapter.** Screws into shaft of sander-polisher. ½-in. 20-thread spindle for chucks, brushes, etc. Has steel flanges for clamping grinding wheels, buffing wheels, etc.
9 A 2564—Shipping weight 3 ounces **49c**

Chucks. For holding drills, carbon removing brushes, Roto-Verts, etc. Use with adapter 9 A 2564 listed in column at left.

C 9 A 2248—**CRAFTSMAN 3-jaw Chuck.** Screw-on type. 0 to ¼-inch. Fits ½-in. 20-thread spindle. Shipping wt. 5 oz. **79c**

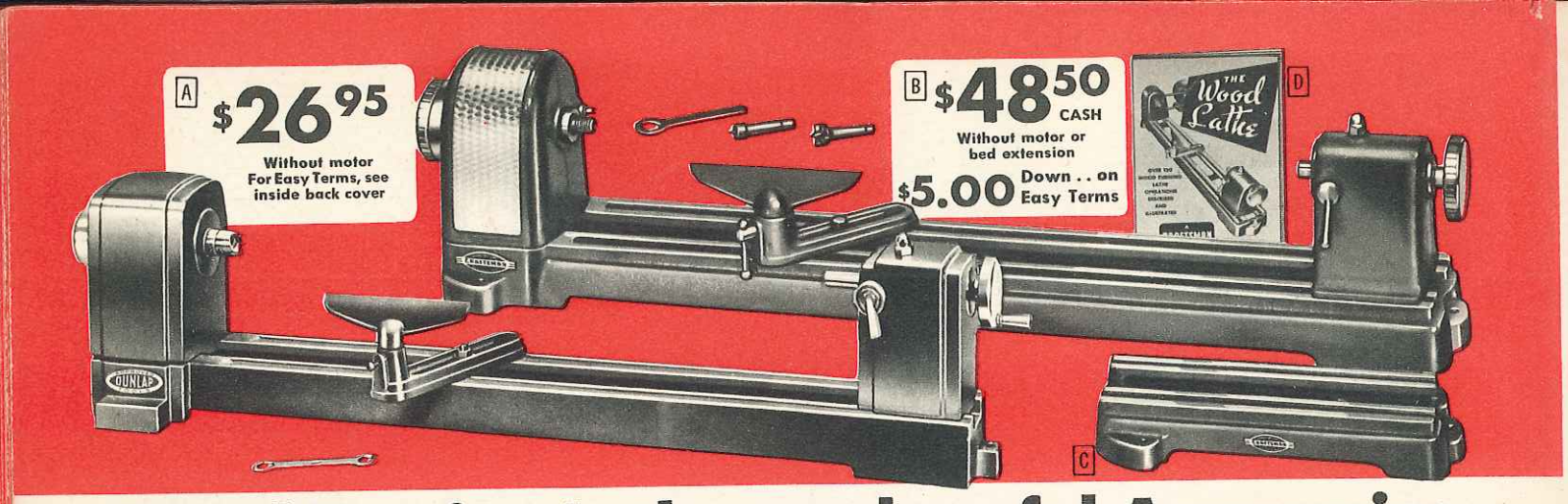
D 9 A 2175—**Jacobs Hand Tite Chuck.** Jacobs No. 4164. 0 to ¼ in. Fits ½-in. 20-thread spindle. **Postpaid.** (Shpg. wt. 8 oz.) . **$1.30**

E **Floor Brush.** For scrubbing, waxing, etc. 1-inch long Tampico fibers are securely set in 5-inch diameter hardwood block. Has ½-in. arbor hole. Use with adapter 9 A 2564 listed in column at left.
9 A 6487—Shipping weight 11 ounces . . . **$1.25**

F **Wire Cup Brush.** For removing scale, paint, rust, weld splatter, etc. Crimped steel wire bristles 1½ in. long. Brushing surface has 1½-in. face. 2¾-in. outside diam.; ½-in. arbor hole. Use with adapter 9 A 2564 at left.
9 A 6485—Shipping weight 4 oz. **79c**

G **Horizontal Metal Stand.** Makes above sander-polisher a bench tool. Heavy steel. Trigger lock.
9 A 2552—Shipping weight 1 pound **85c**

H **Four-piece Floor Polishing Outfit.** Changes the above sander-polisher into a long handled tool. Eliminates tiresome kneeling when polishing floor. Set includes a 4-ft. tubular metal handle with rubber hand grips and trigger extension; 6-in. plywood-back Tampico brush; 5½-in. felt buffing pad; adapter.
99 A 02551—Shipping weight 5 pounds **$9.25**



Wood Turning Lathes and useful Accessories

DUNLAP bronze-bearing Wood Lathe

A **8-in. swing . . . 24 in. between centers . . . 36¾-in. bed.** You'd expect to pay much more for a lathe of this quality and capacity! Sturdy, solid construction makes it a "must" for the well-equipped small shop. Especially recommended for the home workshop.

Heavy cast semi-steel construction. Entire bed made in one piece; ribbed and reinforced. Three-point mounting. Tailstock easily, quickly adjusted. Two self-lubricating porous bronze bearings with ball thrust bearing in headstock. Oil well surrounds each.

⅝-in. straight unthreaded spindle in headstock and tailstock. End cover removable on outboard end for turning larger diameter work. Height of tool rest easily adjusted. One wrench fits tool rest slide, tool rest height adjustment and tailstock lock. Rust-resisting gray enamel finish. With tool rest, spur and cup centers, wrench, and 3-step cone type machine pulley.

99 A 02160—DUNLAP lathe as above, without motor, motor pulley, or V-belt. Shpg. wt. 50 lbs. **$26.95**
99 AM 2193—With ⅓-H.P. split phase 110-120 volt 60-cycle A.C. 1750 R.P.M. bronze bearing motor; motor pulley; ½x36-in. V-belt. Shpg. wt. 77 lbs. **$44.50**

D 9 A 2920—**"The Wood Lathe" Instruction Book.** Illustrated manual shows you how to get the most out of your lathe. 32 pages, 230 illustrations. Describes over 150 lathe operations. Shpg. wt. 2 oz. **25c**

SPECIFICATIONS

	99 A 02160	99 AM 2307
Spindle, inboard end	⅝-in. straight, unthreaded	¾-in. x 16 R.H. thread; No. 1 Morse, female taper
Spindle, outboard end	⅝-in. straight, unthreaded	¾-in. x 16 L.H. thread
Spindle speeds	Three: 1025, 1750, 2985 RPM	Four: 875, 1350, 2250, 3450 RPM
Tailstock taper	none	No. 1 Morse, female
Tailstock ram travel	1½ in.	2¾ in.
Machine pulley (included)	3-in. 3-step V-type Cone	4-in. 4-step V-type cone
Motor pulley (not included)	3-in. 3-step V-type cone	4-in. 4-step V-type cone
Motor recommended (min.)	⅓-H.P.; 1750 RPM	⅓-H.P. 1750 R.P.M.
Mounting dimensions	33¾x6 in. (hole centers)	43½ x 7 7/16 in. (hole centers)
Over-all dimensions	Height 8⅞ in. Width 8 in. Length 40 in.	Height 10¼ in. Width 8⅝ in. Length 50⅛ in.

CRAFTSMAN "100" Ball-bearing Lathe

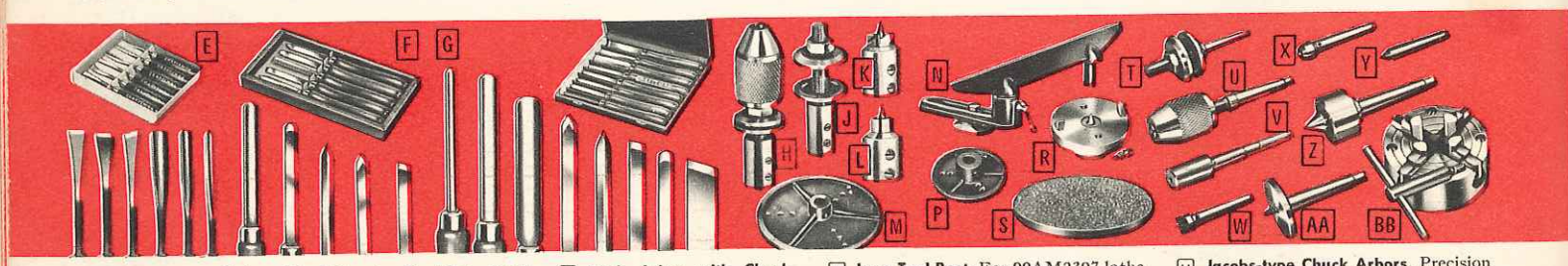
B **9-in. swing . . . 30 in. between centers . . . 46¾-in. bed.** By far our finest wood-turning lathe. Don't confuse it with other lighter lathes in this price range. It's a massive, heavy duty production-type tool. Now being used in many large woodworking shops. Even under heavy cuts or high speeds this lathe will operate with exceptional smoothness and accuracy.

The ONLY lathe in this price range with all these features: Two sealed radial thrust ball bearings in headstock; lubricated for life. Removable cover on outboard end of headstock spindle; permits outboard turning. Spring-loaded indexing pin for use in fluting. Exceptionally convenient location of tailstock lock and tailstock ram lock. Bed full 5½-in. wide.

Extra-heavy cast semi-steel construction. Massive base is rigid and well braced. Three-point mounting. No. 1 Morse female taper in both headstock and tailstock. Rust-resisting machinery gray enamel finish. With tool rest, spur and cup centers, wrench, machine pulley and V-belt.

99 AM 2307—Without motor, motor pulley or lathe bed extension. Shipping weight 76 lbs. **$48.50**
99 AM 2195—With DUNLAP ⅓-H.P. split phase 1750 R.P.M. 110-120 volt 60-cycle A.C. motor and motor pulley. Shipping weight 104 pounds **$65.50**

C 99 A 02488—**18-in. Lathe Bed Extension.** For above lathe, or our earlier model 103. 23180. Shpg. wt. 19 lbs. **$9.95**



E **CRAFTSMAN 6-piece Wood Carving Tool Set.** *New!* For carving models, cutting linoleum, printing blocks, etc. ⅜-in. bent gouge; ⅜-in. bent chisel; 3/32-in. "U" tool; 5/16-in. straight chisel; 3/32-in. veining tool; and ½-in. skew bevel chisel, 2½-in. long forged, heat treated steel blades. 3¾-in. hardwood handles; metal ferrules.
9 A 2897—In box. Shpg. wt. 13 oz. . . . . Set . . **$3.95**

F **CRAFTSMAN 5-piece Wood-turning Chisel Set.** Professional quality. Bright polished 4 in. tempered vanadium steel blades. 8-in. smooth hardwood handles; heavy ferrules. Average over-all length, 13 in. Includes: ½-in. gouge; ½-in. spear point chisel; ½-in. round nose chisel; ⅛-in. parting tool; ½-in. skew chisel. In attractive box.
9 A 2855—Shpg. wt. 2 lbs. 4 oz. . . . . Set **$6.95**

G **CRAFTSMAN 8-piece Wood-Turning Chisel Set.** Professional quality. Bright polished 4-in. vanadium steel blades; tempered; ground. Smoothly finished 8-in. hardwood handles; heavy ferrules. Average over-all length, 13 in. Includes: ¼-in. gouge; ½-in. gouge; ¾-in. gouge; ½-in. spear point chisel; ½-in. round nose chisel; ⅛-in. parting tool; ½-in. skew chisel; and 1-in. skew chisel. In sturdy wood box covered with attractive artificial leather.
9 A 2853—Shpg. wt. 8 lbs. 10 oz. . . . . Set **$14.50**

Individual CRAFTSMAN Wood-turning Chisels. Same professional quality as in 9A2855 and 9A2853 sets.
9 A 2850—Gouge, ¼ in. wide. Shpg. wt. 10 oz. . **$1.49**
9 A 2851—Gouge, ½ in. wide. Shpg. wt. 11 oz. . . **1.59**
9 A 2852—Gouge, ¾ in. wide. Shpg. wt. 13 oz. . . . **1.79**
9 A 2854—Spear Point Chisel, ½ in. wide.
Shipping weight 11 oz **1.25**
9 A 2856—Round Nose Chisel, ½-in. wide.
Shipping weight 11 oz. **1.29**
9 A 2858—Parting Tool, ⅛ in. wide.
Shipping weight 11 oz. **1.59**
9 A 2862—Skew Chisel, ½ in. wide. Wt. 11 oz. . . **1.29**
9 A 2863—Skew Chisel, 1 in. wide. Wt. 11 oz. . . . **1.59**

H **Work Arbor with Chuck.** 3-jaw, ½-in. capacity chuck and ½-in. x 20-thread arbor with steel flanges. Fits 99A02160 or any lathe with ½ or ⅝-in. unthreaded straight spindle. Fastens with 2 set screws. *State whether for ½ or ⅝-in. spindle.* Shpg. wt. 1 lb. 10 oz.
9 A 2151 . . . . . **$1.89**

J **CRAFTSMAN General-Purpose Work Arbor.** Of carbon steel, 4 in. long. 2⅜-in. spindle has ½-in. x 20-thread. Steel flanges. Fits 99A02160 or any lathe with ½ or ⅝-in. unthreaded shaft. 2 set screws. *State whether for ½ or ⅝-in. spindle.*
9 A 2164—Wt. 12 oz. **98c**

Lathe Centers. For 99A02160 or any lathe with ⅝-in. straight spindle. Fastens with 2 set screws. Replaceable center point. Shipping weight each 6 ounces.

K 9 A 2105—**Headstock Spur Center** **$1.00**

L 9 A 2102—**Tailstock Cup Center** **1.00**

M **Face Plate.** Cast iron construction. For 99A02160 or any lathe with ⅝-in. straight unthreaded spindle. 4-in. diameter. Set screw. Shpg. wt. 1 lb. 5 oz.
9 A 2320 . . . . . **$2.25**

N **Long Tool Rest.** For 99AM2307 lathe above, or our earlier model 2318. 20 in. long. Cast semi-steel; machined and finished. Adjustable for height. With one bed bracket.
9 A 2316—Shpg. wt. 10 lbs. **$5.25**

P **Face Plates.** Cast iron. For 99AM-2307, or any lathe with ¾-in. x 16-thread spindle. With set screw.
9 A 2489—4-in. diameter. For inboard turning. Shpg. wt. 2 lbs. . . . **$2.49**
9 A 2490—8-in. diameter. For inboard turning. Shpg. wt. 2 lbs. . . . **3.89**
9 A 2492—8-in. diameter. For outboard turning. Shpg. wt. 2 lbs. . . . **3.69**

R **Face Plate.** 3-in. diameter. With spurs, removable center and screw center. For 99AM2307 above, or any lathe with ¾-in. x 16-thread spindle.
9 A 2091—Shpg. wt. 1 lb. 12 oz. . **$2.10**

S **Sanding Plates.** Cast iron construction. Fitted with sandpaper.
9 A 2491—8-in. For 99AM2307, or any lathe with ¾ in. x 16 R.H. thread. Shpg. wt. 2 lbs. 8 oz. **$4.25**
9 A 2341—8-in. For 99A02160 or any lathe with ⅝-in. straight unthreaded spindle. Shpg. wt. 2 lbs. **$3.59**

T **Work Arbor.** ½-in. x 20-thread. 2 steel flanges; nut on head end for clamping wheels. No. 1 Morse taper.
9 A 2153—Shpg. wt. 9 oz. **$1.25**

U **Work Arbor with Chuck.** 3-jaw screw-on type chuck, ½-in. capacity; tapped ½-in. x 20-thread. Has No. 1 Morse taper on shank end.
9 A 2234—Shpg. wt. 1 lb. 8 oz. . . **$2.10**

V **Jacobs-type Chuck Arbors.** Precision ground. Postpaid.
9 A 2123—Fits 9A2142 and 9A2143 chucks (listed on page 33). Has No. 1 Morse taper and No. 33 Jacobs taper. (Shipping weight 10 oz.) **$1.00**
9 A 2154—Fits chucks 9A2129, 9A2144 and 9A2991 (listed on page 33). Has No. 1 Morse taper and No. 3 Jacobs taper. (Shpg. wt. 12 oz.) **$1.00**

W **Spur Center.** Accurately ground. No. 1 Morse taper on shank end.
9 A 2106—Shpg. wt. 4 oz. **95c**

X **Tailstock Cup Center.** No. 1 Morse taper on shank end. Has replaceable center point.
9 A 2100—Shpg. wt. 3 oz. **95c**

Y **60-degree Center.** No. 1 Morse taper on shank end.
9 A 2110—Shpg. wt. 3 oz. **95c**

Z **Precision Ball-bearing 60-degree Center.** Center point rotates on ball bearing. Recommended for high speeds. No. 1 Morse taper shank.
9 A 2112—Shpg. wt. 8 oz. **$2.98**

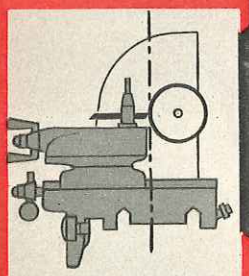
AA **Screw Center.** Replaceable center. No. 1 Morse taper on shank end.
9 A 2116—Shpg. wt. 12 oz. **$1.75**

BB **CRAFTSMAN 4-jaw Independent Lathe Chuck.** For 99AM2307 above, or any lathe with ¾-in. x 16-thread spindle. 4-in. diameter. Has four reversible jaws, drop forged from a solid bar of special steel; work independently. Large diameter jaw screw. Acme threaded. T-handle chuck wrench included.
9 A 2156—Shpg. wt. 3 lbs. 10 oz. . **$8.95**

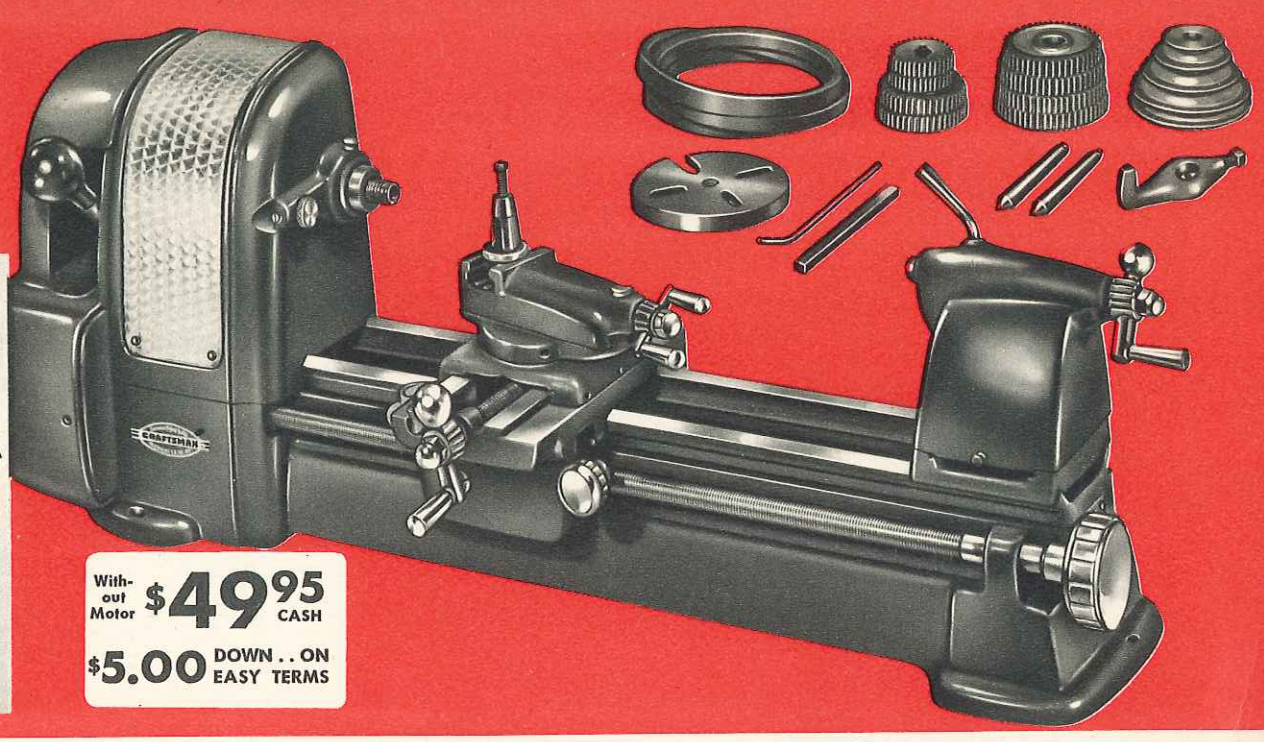
CRAFTSMAN REG. U. S. PAT. OFF.

THE RIGHT WAY TO SAY

HARDWARE AND TOOLS



Offset Center overcomes big disadvantage in most small lathes. It shifts the pressure caused by the tool bit in contact with work so it's better centered between the ways. Larger work machined smoothly.



Without Motor **$49.95** CASH

$5.00 DOWN . . ON EASY TERMS

CRAFTSMAN REG. U. S. PAT. OFF. "80" Metal Turning Lathe

Only Sears offers you a back-geared, screw-cutting lathe at anywhere near this low price

There's no other lathe like it! Much smoother, more accurate than is ordinarily possible with lathes of this size. It's a rugged back-geared, screw-cutting lathe. Back gears give slow speeds and greater power needed to machine a variety of metals. Speed range also permits wood and plastic turning. Designed for precision work, such as turning armatures, model making, experimental work, tool room work, and scores of other small jobs. Smooth-adjusting compound swivel operates on precision machined, dove-tail V-way bed. Spring tension on threading dial assembly gives positive contact at all times. End play eliminated! Compound rest and cross-feed are accurately gibbed for wear take-up.

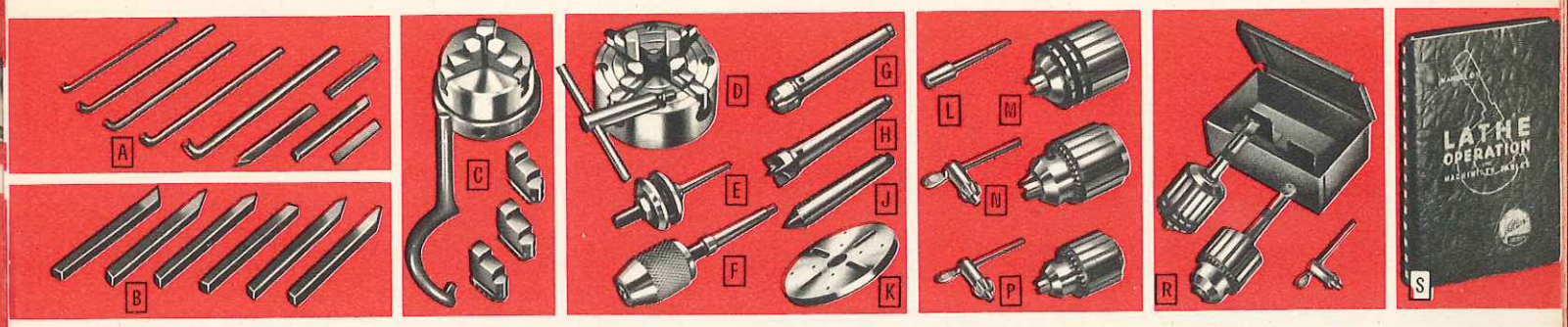
Headstock has double bearings of porous bronze; adjustable front bearing. Hardened, ground steel spindle threaded ½-in.x20-thread. Forward and reverse lever-locking plunger; spring-operated. Removable No. 0 Morse taper centers. Tailstock may be set over for turning tapers.

Complete with accessories shown above, including two 60-degree centers, ¼-inch tool bit, Allen wrench, ½-inch lathe dog, 4-inch face plate, 8 threading gears, motor pulley, machine pulley, ⅜x36-in. V-belt. Motor not included. We recommend using ¼-H.P. 1750 R.P.M. motor 99A01974 on page 38.

99 AM 2127—Without motor. Shpg. wt. 61 lbs. . . **$49.95**

SPECIFICATIONS:

- Swing over bed . . . . . 6 inches
- Distance between centers . . . . . 12⅛ inches
- Spindle: Nose size . . . . . ½ inch x 20 thread
  - Taper . . . . . No. 0 Morse
  - Bore . . . . . ¼ inch
- Bearings . . . . . 2 porous bronze
- Thread range . . . . . 8 to 96—right or left hand
- Feeds . . . . . .0024, .0039, .0048, .0078
- Back gear ratio . . . . . 5 to 1
- Compound rest travel . . . . . 1¾ inches
- Cross slide travel . . . . . 2¾ inches
- Tailstock ram travel . . . . . 1¼ inches
- Tailstock set over . . . . . ¼ inch
- Motor recommended (min.) ¼ H.P. 1750 R.P.M.
- Machine pulley (included) . . . . . 3-step "V" type
- Motor pulley (included) . . . . . 4-step "V" type
- Speeds . . . . . Six: 120 to 1325 R.P.M.
- Mounting dimensions . . . . . 21 7/16x5 5/16 inches
- Over-all dimensions . . . . . Height, 10¼ inches; width, 9½ inches; length, 26¾ inches.



High quality Accessories to increase the usefulness of above lathe

A Tool Post Set. High speed steel. Tools mount directly in tool post. Includes four boring bars, one internal threading tool, one external threading tool, one external turning tool, and set of tool post spacers. Shipping weight, set, 1 pound.
9 A 2038 . . . Set **$8.25**

B 6-piece Formed Tool Bit Set. ¼-in. size. High speed steel; accurately ground, ready for use. Includes threading bit, left hand and right hand facing bits, left hand and right hand turning bits and round nose turning bit. Shipping weight, set, 8 ounces.
9 A 2205 . . . . Set **$2.25**

C CRAFTSMAN 3-jaw Universal Lathe Chuck. Self-centering, lever-operated. Holds to tolerances within .003 inch. Steel jaws; steel body and scroll. Knurled rim. Fits ½-in. by 20-thread spindle. Two sets of jaws (outside and inside). With wrench. Diameter 3 inches. Shipping weight 3 pounds 5 ounces.
9 A 2296 . . . . . **$19.95**

D CRAFTSMAN 4-jaw Independent Lathe Chuck. Steel. 4 reversible jaws work independently; especially useful for holding irregularly shaped pieces; deep jaw slots. Acme threaded. Fits ½-in.x20-thread spindle. With T-handle wrench. Diameter 3 in. Shipping weight 2 pounds 8 ounces.
9 A 2157 . . . . . **$7.50**

E Work Arbor. For mounting drill chucks, holding grinding, buffing and wire scratch wheels, etc. For 99AM2127 above, or any lathe with No. 0 Morse taper. 2 flanges with nut on head end threaded ½-in. x 20-thread for clamping wheels. Shpg. wt. 8 oz.
9 A 2117 . . . . . **$1.25**

F Work Arbor with Chuck. 3-jaw, screw-on type. Knurled. Tapped ½-in. x 20 thread; ½-in. capacity. Hardened steel jaws center accurately; grip tightly. Work arbor has No. 0 Morse taper shank. Shipping weight 1 lb. 4 oz.
9 A 2276 . . . . . **$1.98**

G Tailstock Cup Center. Replaceable point. No. 0 Morse taper shank. Shipping weight 3 oz.
9 A 2109 . . . . . **85c**

H Spur Center. For wood turning. No. 0 Morse taper shank. Shpg. wt. 3 oz.
9 A 2108 . . . . . **85c**

J 60-degree Center. For accurate centering. No. 0 Morse taper shank. Shipping weight 3 oz.
9 A 2103 . . . . . **85c**

K Face Plate. For 99AM2127 lathe listed above, or any other lathe with ½-in.x20-thread spindle. Diameter 4 inches. Shipping weight 3 lbs.
9 A 2468 . . . . . **$3.20**

L Jacobs Chuck Arbor. Precision ground. For 9A2142 and 9A2143 chucks (listed at bottom of this column.) No. 0 Morse and No. 33 Jacobs taper. **Postpaid.**
9 A 2131—(Shpg. wt. 8 oz.) **$1.00**

M Jacobs Center Rest Chuck. Jacobs No. 100CR. Capacity ¼ to ¾-in. Use with No. 3 Jacobs taper arbor to support centerless armatures, etc. **Postpaid.**
9 A 2991—(Shpg. wt. 3 lbs. 2 oz.) **$11.00**

Arbor. For 9A2991 chuck (listed above). No. 0 Morse and No. 3 Jacobs taper. Precision ground. **Postpaid.**
9 A 2133—(Shpg. wt. 10 oz.) **$1.00**

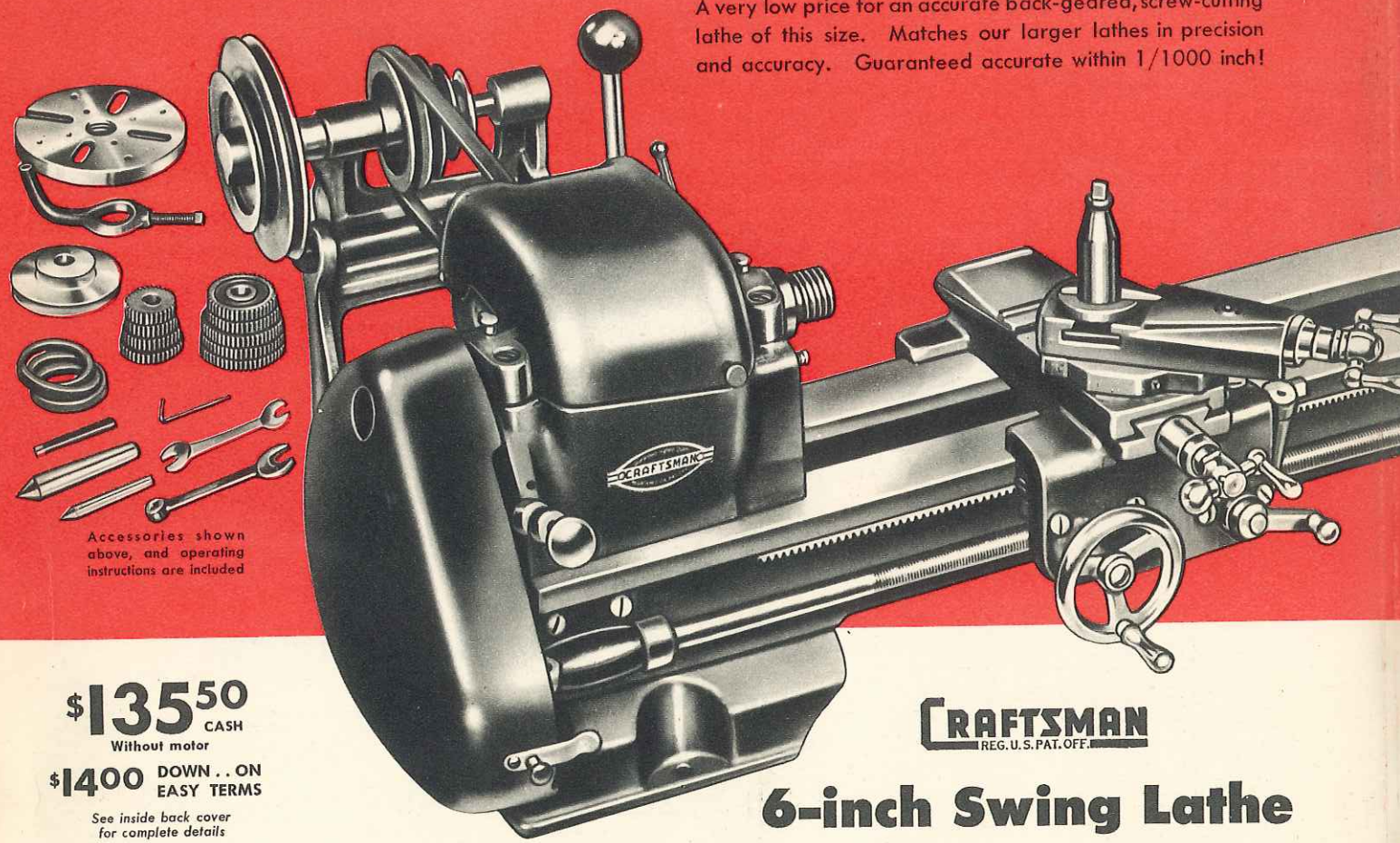
N Jacobs Chuck No. 58B. Capacity ⅛ to ⅝-in. Fits 1½-in., 8-thread spindle; can be used with No. 3 Jacobs taper arbor. **Postpaid.**
9 A 2144—(Shpg. wt. 3 lbs. 12 oz.) . . . **$16.50**

P Drill Chucks. Key-type chuck. Fits arbors with No. 33 Jacobs taper.
9 A 2142—Capacity 5/64 to ½-inch. **Postpaid.** (Shpg. wt. 1 lb. 8 oz.) **$7.50**
9 A 2143—Capacity 0 to ½-inch. **Postpaid.** (Shpg. wt. 2 lbs. 8 oz.) **$8.00**

R Jacobs Commutator Kit. Holds armature shafts during reconditioning. Includes: No. 75A armature driving chuck; No. 100 center rest chuck (¼ to ¾-in. capacity); two arbors (No. 2 Morse taper shank; No. 3 Jacobs taper head); chuck key. (Needs two 9A2133 arbors (left) to be used on above lathe.) Metal box. **Postpaid.** Shpg. wt. 7 lbs. 4 oz.
9 A 2129 . . . . **$22.60**

S Metal Lathe Manual. Up-to-date! 234 pages of operations, tables, etc. Paper bound; spiral back. Shpg. wt. 11 oz.
9 A 2925 . . . . . **$1.50**

A very low price for an accurate back-geared, screw-cutting lathe of this size. Matches our larger lathes in precision and accuracy. Guaranteed accurate within 1/1000 inch!



Accessories shown above, and operating instructions are included

$135.50 CASH
Without motor

$14.00 DOWN . . ON EASY TERMS

See inside back cover for complete details

CRAFTSMAN
REG. U. S. PAT. OFF.

6-inch Swing Lathe

A beauty of a buy! Designed, built and priced for tool makers, model makers and hobbyists. It will give you precision performance on a wide variety of jobs.

Full 6-inch swing . . . 18 inches between centers . . . 30-inch bed. Massive, one-piece, cast semi-steel bed; precision ground. Carriage has hand wheel for manual operation and feed lever for reversible automatic power feed. Tailstock has set-over for taper turning.

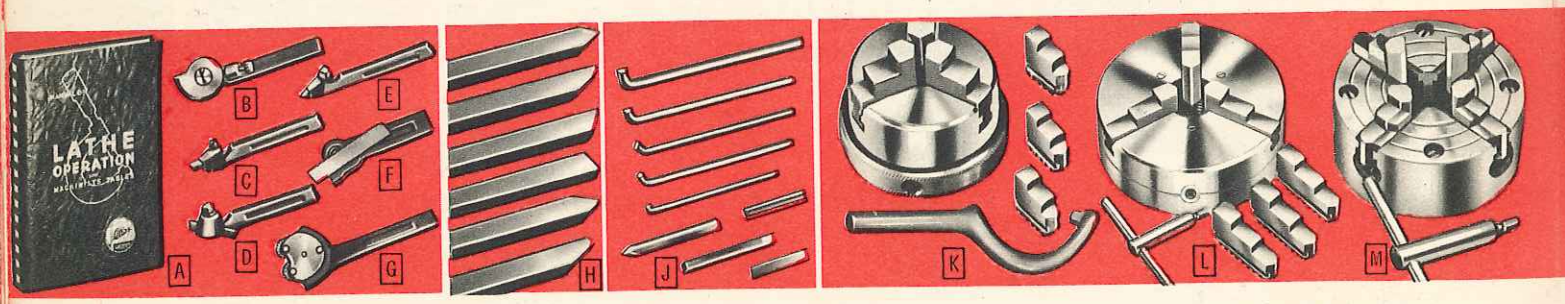
Cuts 8 to 96 threads per inch, right or left hand. Back gears give 16 speeds from 54 to 3225 R.P.M. Graduated compound rest swivels 360°. Complete with 2-step motor pulley, 4-step machine pulley, 4-step countershaft, two 60-degree centers, 3/16-in. tool bit, 9 threading gears, ½-in. lathe dog, ⅜-in. V-belt, Allen wrench, 4-in. face plate and two wrenches.

SPECIFICATIONS:

- Swing over bed . . . . . 6 inches
- Distance between centers . . . . . 18 inches
- Spindle: Nose . . . . . 1 inch x 8 thread
  Taper . . . . . No. 2 Morse
  Bore . . . . . 17/32 inch
- Spindle bearings . . 2 porous bronze; 1 ball thrust
- Thread range . . . . . 8 to 96, right or left hand
- Feeds . . . . . Four: .0024, .0039, .0048 and .0078
- Back gear ratio . . . . . approximately 6½ to 1
- Countershaft and back gear bearings . . . . . 4 porous bronze
- Swing over carriage . . . . . 4⅛ inches
- Compound rest travel . . . . . 1¾ inches
- Cross slide travel . . . . . 4¾ inches
- Tailstock taper . . . . . No. 1 Morse
- Tailstock ram travel . . . . . 1¼ inches
- Tailstock set-over . . . . . 9/16 inch
- Motor recommended, (minimum) . . . . . ¼ H.P. 1750 R.P.M.
- Machine pulley (included) . . . . . 4 step
- Motor pulley (included) . . . . . 2 step
- Mounting dimensions . . . . . 4¾ x 27 15/16 inches
- Over-all dimensions: Height 10¼ inches; width 21½ inches; length 33½ inches

Comes with instructions, and accessories shown above.

99 AM 2048—Without motor.
Shipping weight 102 pounds **$135.50**



Metal Lathe Manual

A A complete, up-to-date, illustrated manual of metal lathe operations and machinists' tables. Easy-to-follow directions give you a sound, practical explanation of the construction of the metal lathe. An ideal book for students, apprentices, machinists and experienced lathe operators. Replete with actual photographs and pen and ink drawings. Each section separated by index tabs for convenience. Paper bound; spiral back, 234 pages. Shpg. wt. 11 oz.
9 A 2925 . . . . . **$1.50**

Tool Holders

Fit 99 AM 2048 model makers' lathe above. Special drop forged steel, expertly heat treated and hardened.

B 9 A 2031—Threading Tool. Shpg. wt. 9 oz. . . **$4.98**

C 9 A 2033—Straight Tool Holder. No bit.
Shpg. wt. 4 oz. **$2.40**

D 9 A 2034—Right Hand Tool Holder. No bit.
Shpg. wt. 4 oz. **$2.40**

E 9 A 2035—Left Hand Tool Holder. No bit.
Shpg. wt. 4 oz. **$2.40**

F 9 A 2037—Cut-off Tool.
Shpg. wt. 7 oz. **$2.95**

G 9 A 2036—Knurling Tool. Has medium knurls.
Shipping weight 9 oz. **$5.95**

Formed Tool Bit Set

H Six-piece set of 3/16-inch tool bits. High speed tool steel; ground, ready to use. Set includes threading bit, left-hand facing bit, left-hand turning bit, right-hand turning bit, right-hand facing bit, and round nose turning bit.
9 A 2043—Shpg. wt. 5 oz. **$2.30**

Tool Post Set

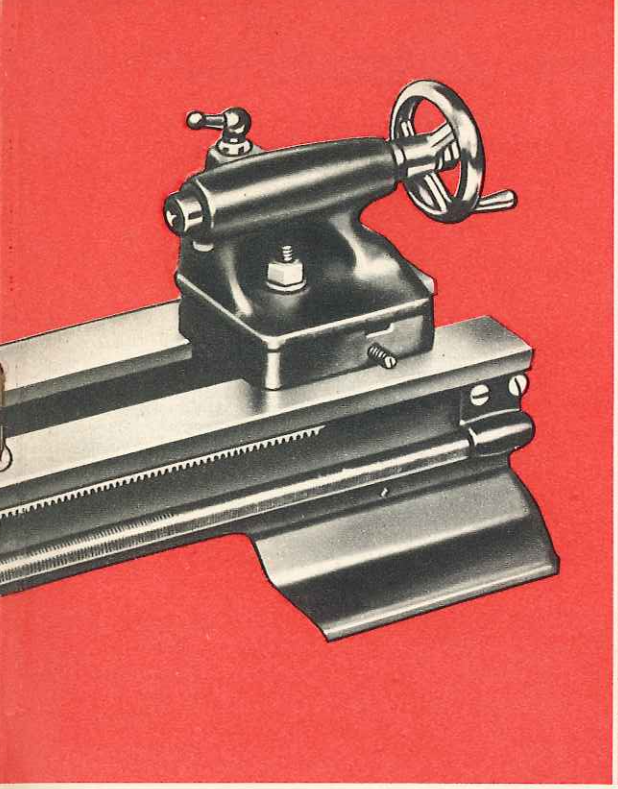
J High speed tool steel. Tools mount directly in tool post. Set includes 4 boring bars, internal threading tool, external threading tool, external turning tool, and set of tool post spacers for height spacing.
9 A 2038—Shpg. wt. 1 lb **$8.50**

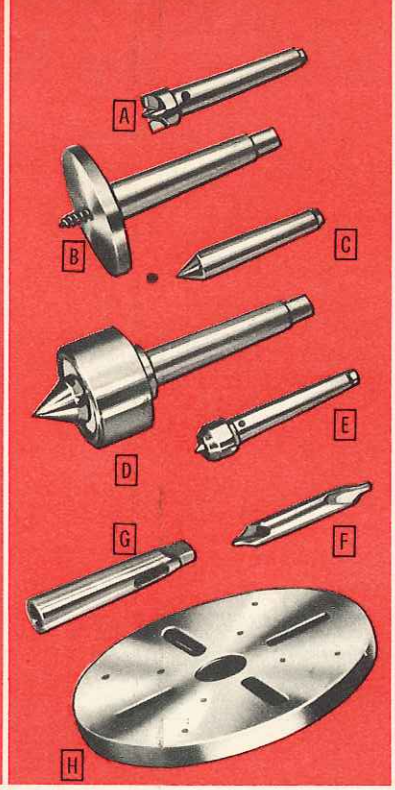
CRAFTSMAN precision made Lathe Chucks

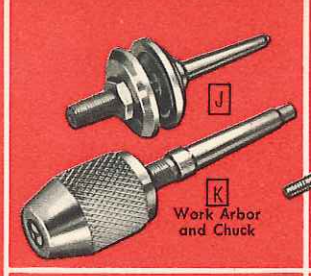
K **CRAFTSMAN 3-jaw universal type.** Self-centering, lever-operated . . . only two main parts, body and scroll. Ideal for production work. Holds tolerances to within .003 in. Steel jaws; steel body and scroll. Knurled rim. Fits 99 AM 2048 lathe above, or any 1-in.x8-thread spindle. Diameter 4 in. Two sets of jaws; one for outside, one for inside gripping. With wrench.
9 A 2297—Shpg. wt. 6 lbs. 5 oz. . . . **$25.95**

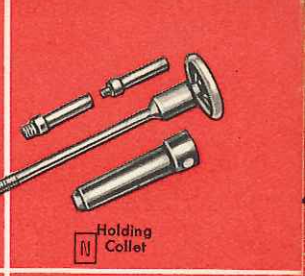
L **3-jaw universal type.** Jaws controlled by single screw and pinion gear . . . speedy gripping . . . self-centering . . . ideal for production work. Extra-strong semi-steel body casting. Special alloy metal scroll; alloy steel pinion. Alloy steel jaws. Fits 99 AM 2048 lathe above, or any 1-in. x 8-thread spindle. 4 in. diameter. Has 2 sets of jaws (outside and inside). With T-handle chuck wrench. Shpg. wt. 5 lbs. 3 oz.
9 A 2148 . . . . . **$38.95**

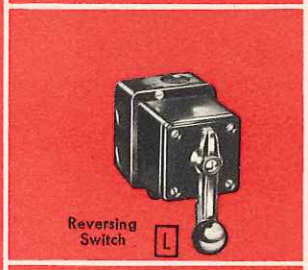
M **4-jaw independent type.** For average shop needs. Special alloy steel body has wide, deep jaw slots. Four reversible jaws work independently; increase usefulness when working on irregular shaped pieces. Large diameter jaw screw. Acme threaded. Fits 99 AM 2048 lathe above, or any 1-in. x 8-thread spindle. Diameter 4 in. With T-handle chuck wrench; fits deep seat.
9 A 2138–Shpg. wt. 3 lbs. 12 oz. **$8.95**

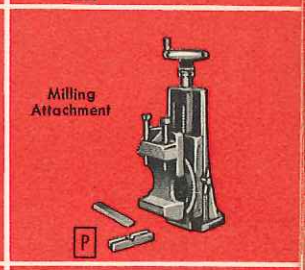


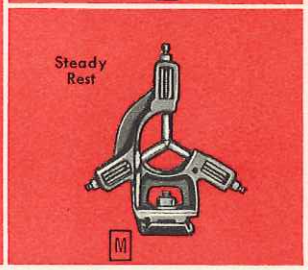


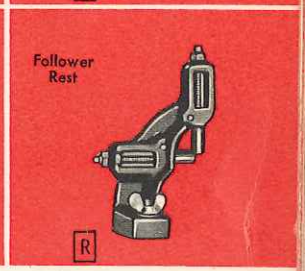












Accessories for CRAFTSMAN 6-inch Swing Lathe . . make it more useful

REG. U.S. PAT. OFF.

A **Spur Centers.** Use for wood turning.
9 A 2106—No. 1 Morse taper shank. Shipping weight 4 oz. **95c**
9 A 2107—No. 2 Morse taper shank. Shipping weight 7 oz. **98c**

B **Screw Centers.** For facing and hollowing operations. Replaceable center.
9 A 2116—No. 1 Morse taper shank. Shipping weight 12 oz. **$1.75**
9 A 2115—No. 2 Morse taper shank. Shipping weight 14 oz. **1.75**

C **60-degree Centers.** For metal turning.
9 A 2110—No. 1 Morse taper shank. Shipping weight 3 oz. **95c**
9 A 2111—No. 2 Morse taper shank. Shipping weight 7 oz. **98c**

D **Precision ball bearing 60-degree Center.** (Center point rotates on ball bearing.) For high speed operations.
9 A 2112—No. 1 Morse taper shank. Shipping weight 8 oz. **$2.98**
9 A 2113—No. 2 Morse taper shank. Shipping weight 8 oz. **2.98**

E **Tailstock Cup Centers.** Supports work in tailstock. Replaceable center point.
9 A 2100—No. 1 Morse taper shank. Shpg. wt. 3 oz. **95c**
9 A 2101—No. 2 Morse taper shank. Shpg. wt. 7 oz. **98c**

F **Center Drill.** Combination drill and countersink. In 3/32 or 1/8-in. size. **State size wanted.**
9 A 2061—Shpg. wt. 1 oz. . . . **49c**

G **Adapter Sleeve.** No. 2 Morse taper reduces to No. 1 Morse taper. Shpg. wt. 5 oz.
9 A 2161. . . . . **$1.49**

H **Face Plate.** Use for driving lathe dog and work for wood turning. 4-in. diameter. For use on 99AM2048 lathe (on opposite page) and other lathes with 1-in. 8-thread spindle. Shipping weight 3 lbs.
9 A 2470. . . . . **$3.40**

J **Work Arbor.** For mounting chucks and holding grinding, buffing and wire scratch wheels, etc. 1/2-in. x 20-thread. 2 steel flanges with nut on head end for clamping wheels. Morse taper shank.
9 A 2152—No. 2 Morse taper shank. Shipping weight 11 ounces. **$1.25**
9 A 2153—No. 1 Morse taper shank. Shipping weight 9 ounces. **$1.25**

K **Work Arbor with Chuck.** 3-jaw, screw-on type chuck, tapped 1/2-in. x 20-thread; 1/2-in. capacity. Work arbor has Morse taper on shank end.
9 A 2247—No. 2 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces. **$2.15**
9 A 2234—No. 1 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces. **2.10**

L **Reversing Switch.** Reverses motor and spindle direction in grinding, polishing, tapping, wood or metal finishing. Not for repulsion-induction motors.
9 A 2982—Shipping weight 1 lb. 9 oz. **$5.75**

M **Steady Rest.** Base clamps securely to bed ways. Gives added support needed when turning long pieces. Handles diameters up to 2 3/8 inches.
9 A 2041—Shipping weight 3 lbs. 4 oz. **$6.75**

N **Holding Collet.** This attachment fits in the headstock spindle; will hold threaded-hole angular milling cutters, keyway cutters and 1/2-inch end mills. Shipping weight 1 lb. 10 oz.
9 A 2059. . . . . **$9.25**

P **Milling Attachment.** Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2 inches; vertical feed 1 3/4 inches. Graduated angular swivel. Shipping weight 8 lbs. 12 oz.
9 A 2057. . . . . **$23.50**

R **Follower Rest.** Mounts on back of carriage dovetail slide . . . moves with cutting tool to provide support needed to prevent deflection when turning long, slender work. Shipping weight 1 pound 9 ounces.
9 A 2042. . . . . **$4.75**

CRAFTSMAN "80"

REG. U.S. PAT. OFF.

Power Hack Saw

Cuts accurately unattended!

Save time . . . save labor . . . reduce operating costs . . . speed up production with this CRAFTSMAN "80" Power Hack Saw. Professional quality throughout. Ideal for plumbers, electricians, garage men and other metal workers.

Makes the cut alone while you work on other jobs. Draw-cut type, with automatic relieving mechanism to lift blade from work on the back stroke. Gives a clean, accurate cut.

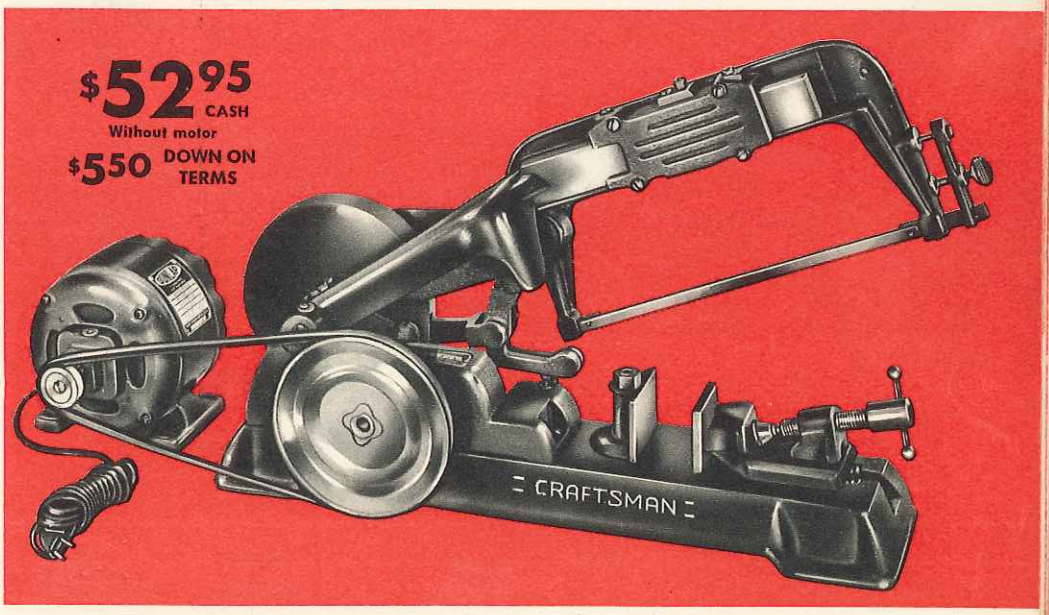
Extra large capacity. Makes cuts on material up to 4x4 in. at 90°. Makes angle cuts 90° to 45°. Saws iron, steel, brass, aluminum, etc.; quickly and accurately. It has a 5-inch stroke; 60 strokes per minute, at 400 R.P.M.

Rugged construction. Heavy cast iron vise; quick-locking. Shafts run on porous bronze bearings. Cast semi-steel slide and arm. Cone type arm pivot; adjustable. Takes any standard 12-inch power hack saw blade (one included).

99 AM 2294—Without motor, motor pulley, or V-belt. Shipping weight 60 pounds. **$52.95**

99 AM 2282—With 1/8-H.P. 1750 R.P.M. split phase bronze bearing motor for 110–120 volt 60-cycle A.C.; 1 1/2-in. motor pulley, 1/2-in. V-belt. Shipping weight 87 pounds. **$69.50**

CRAFTSMAN 12-inch Power Hack Saw Blades. Made of special tool steel. 5/8-inch wide. 14 or 18 teeth per inch. *State choice of teeth per inch.*
9 A 6582—Shipping weight 3 oz. . . . . **2 for $1.19**



SPECIFICATIONS:

- Capacity, maximum. . . . . 4x4 inches
- Angle cuts. . . . . 90 to 45 degrees
- Bearings. . . . . porous bronze
- Length of blade. . . . . 12 inches
- Width of blade. . . . . 1/2 inch
- Machine pulley (included). 6 1/2-inch
- Motor pulley (not included). 1 1/2-inch
- Motor recommended, minimum. 1/8 H.P. 1750 R.P.M.
- Base size. . . . . 6x24 inches
- Mounting dimensions. . . . . 5 1/4 x 19 7/8 inches
- Over-all dimensions: height 10 inches; width 9 inches; length (extended) 29 inches; (not extended) 26 inches.

CRAFTSMAN REG. U.S. PAT. OFF. Metal Lathe . . By far the finest lathe

$270.00 CASH
99 AM 2075
$27.00 DOWN

Here's why:

1. Back-geared, screw cutting and guaranteed accurate to 1/1000 inch.
2. Built to meet the requirements of master craftsmen and industrial shops.

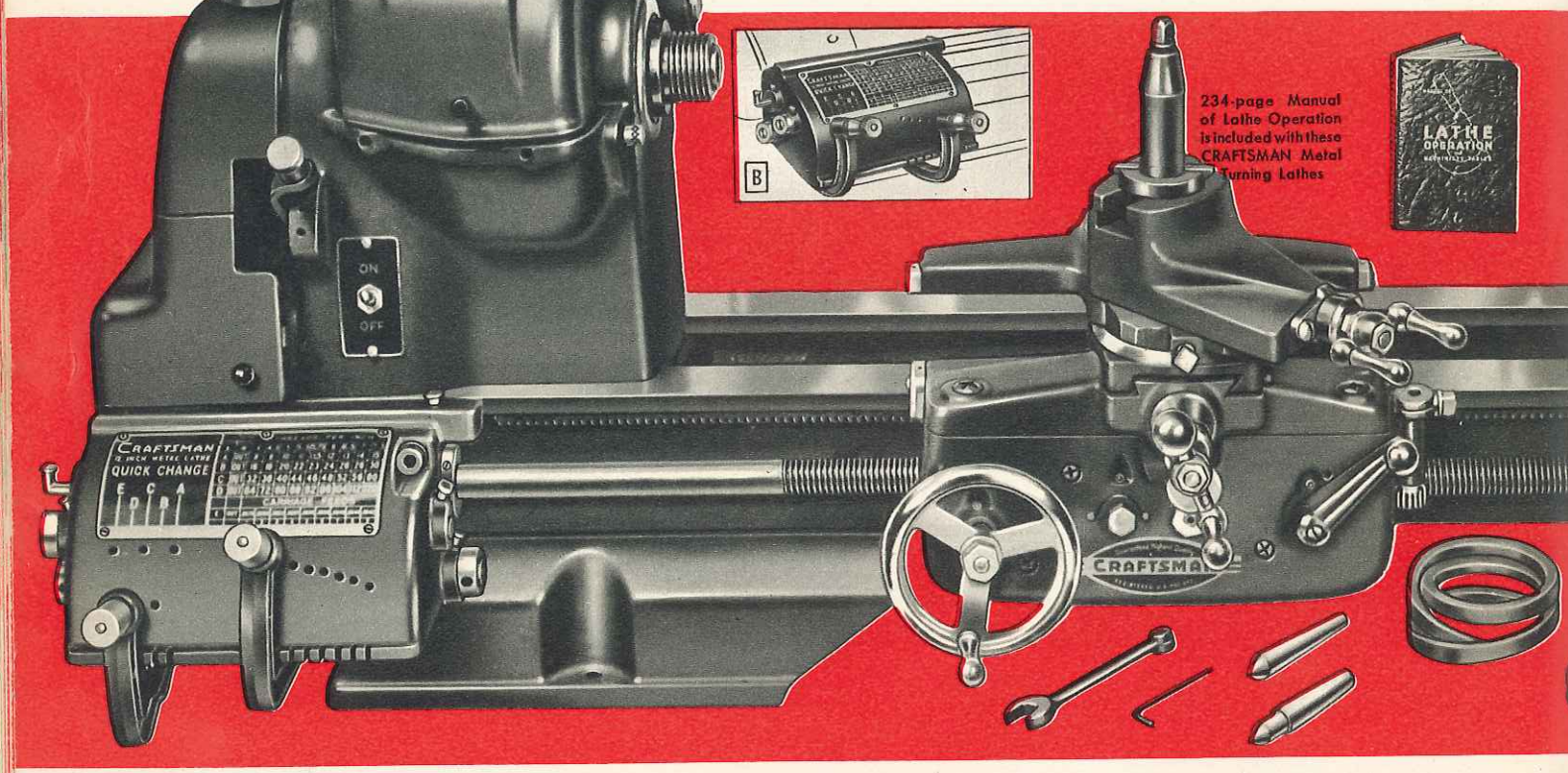
A Has famous TIMKEN roller bearings for production work. They maintain spindle alignment, absorb thrust, assure smooth operation. Husky back gears make slow speeds and extra power available for heavy cuts.

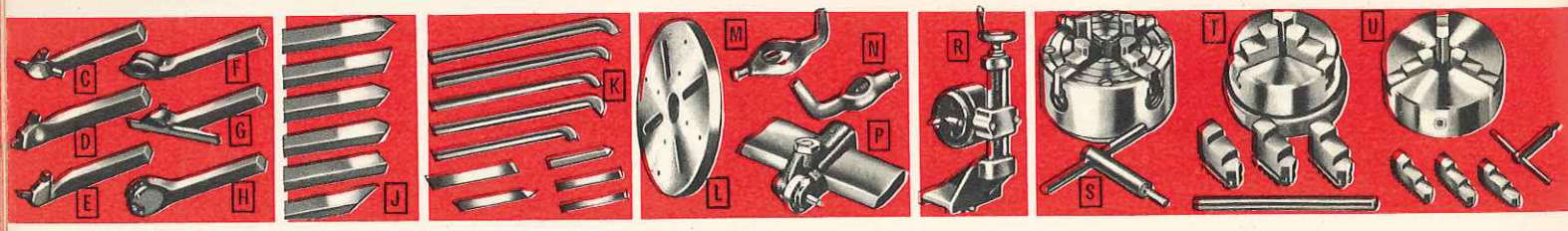
Two more very important features. (1) Reversible power cross feed makes facing work faster and easier. (2) Hinged guards completely cover headstock and motor drive pulleys for utmost safety. Headstock has indexing device so work can be evenly divided or fluted. Countershaft is part of lathe; complete with motor mounting. Reinforced cast semi-steel bed; *precision ground* ways. Tailstock has center ejector and coordinate ram lock. V-belt drive has adjustable belt tension and release lever.

Heavy semi-steel carriage has adjustable gibs and reversible longitudinal feed. Threading dial is supplied. Cuts metric as well as standard threads. Compound rest swivels and locks at any angle; has one-degree graduations from 0 to 180 degrees. Complete with tool post wrench, threading gears, 2 centers, Allen wrench, motor pulley, belt, and 234-page illustrated lathe manual.

99 AM 2075—Lathe only. 24 in. between centers; 45 in. long. Shpg. wt. 280 lbs. **$270.00**
99 AM 2743—Same as 99AM2075 above, but with quick-change gear attachment (see below). Shipping weight 286 lbs.. **$338.00**
99 AM 2079—Lathe only. 36 in. between centers; 57 in. long. Shpg. wt. 300 lbs. **$298.00**
99 AM 2744—Same as 99AM2079 above, but with quick-change gear attachment (see below). Shipping weight 310 lbs.. **$364.00**

B **Quick-Change Gear Attachment.** Fits CRAFTSMAN lathes with model numbers 101.07360; 101.07361; 101.07362; 101.07363; 101.07380; 101.07381; 101.07382; 101.07383; 101.07400; 101.07401; 101.07402; 101.07403. Replaces change gear assembly; gear box bolts to bed, and support bracket to countershaft bracket bolt. Provides instant selection of 54 threads or feeds; between .0042 and .250 in. per revolution of spindle, and all threads right or left hand from 4 to 240 in the following standards: National Coarse (USS), National Fine (SAE), Acme, Square and Whitworth. Mounts quickly; no drilling or tapping necessary.
99 A 02014—Shpg. wt. 36 lbs..... **$77.50**





High-Quality Accessories for the CRAFTSMAN REG. U.S. PAT. OFF. Metal-Turning Lathe Above

Tool Holders. Steel forgings. Shanks ¾-in. high; ⅝-in. wide. Shpg. wt. 10 oz.
(C) 9 A 2194—Offset, left..... **$2.40**
(D) 9 A 2192—Offset, right..... 2.40
(E) 9 A 2196—Straight..... 2.40
(F) 9 A 2198—Threading..... 4.98
(G) 9 A 2200—Cut-off..... 3.30
(H) 9 A 2202—Knurling tool..... 5.95

J **Six Formed Tool Bits.** An expertly ground set of useful bits. ¼-in. Fit holders above. Threading, left hand facing, right hand facing, round nose turning, right hand turning, and left hand turning bits.
9 A 2205—Shpg. wt. 8 oz..... **$2.30**

K **Tool Post Set.** Includes 4 boring tools (3/16, ¼, 5/16, and ⅜ inch); ¼-inch inside threading tool; ⅜-inch turning tool; ⅜-inch threading tool; set of tool post spacers.
9 A 2189—Shpg. wt. 1 lb. 1 oz..... **$8.95**

L **Face Plates.** Excellent for work which cannot be machined on center or in chuck and must be turned on spindle with face plate. For lathe with 1½-in. 8-thread spindle.
9 A 2471—4-in. Shpg. wt. 3 lbs..... $3.40
9 A 2475—8-in. Shpg. wt. 6 lbs..... 5.25
For lathes with 1-in. 8-thread spindle.
9 A 2470—4-in. Shpg. wt. 3 lbs..... $3.40
For lathes with ¾-in. 16-thread spindle.
9 A 2473—8-in. Shpg. wt. 6 lbs..... $4.95

M **Lathe Dog.** Malleable iron. ½, ¾, 1 or 1½ in. size. State size wanted.
9 A 2078—Shpg. wt. 8 oz..... **50c**

N **Lathe Dog.** Forged steel. Heat treated set screw. Shpg. wt., each, 1 lb.
9 A 2183—State size wanted.
½-inch..... 95c 1-inch..... **$1.05**
¾-inch..... $1.05 1½-inch..... 1.20

P **Micrometer Carriage Stop.** Has adjustable micrometer stop for stopping carriage in boring or facing to a given depth, duplicating longitudinal cuts, etc. Clamps on bed way. Shipping weight 1 lb.
9 A 2185..... **$5.50**

R **Mica Undercutter.** Screw feed regulates height of cutter and carriage feed moves cutter into commutator slot. With motor, switch, cord, set of 5 undercutting saws. For 110-120 volt 25-60 cycle A.C. or D.C. Shpg. wt. 11 lbs.
9 A 2989..... **$44.50**

S **CRAFTSMAN 4-Jaw Independent Chuck.** Four reversible jaws work independently. Acme threaded. T-handle chuck wrench.
9 A 2139—Fits 1½-in. 8-thread spindle. Diameter 6 in. Shpg. wt. 9 lbs. 10 oz... **$16.95**
99 A 02141—Fits 1½-in. 8-thread spindle. Diameter 8 in. Shpg. wt. 25 lbs.... **28.50**

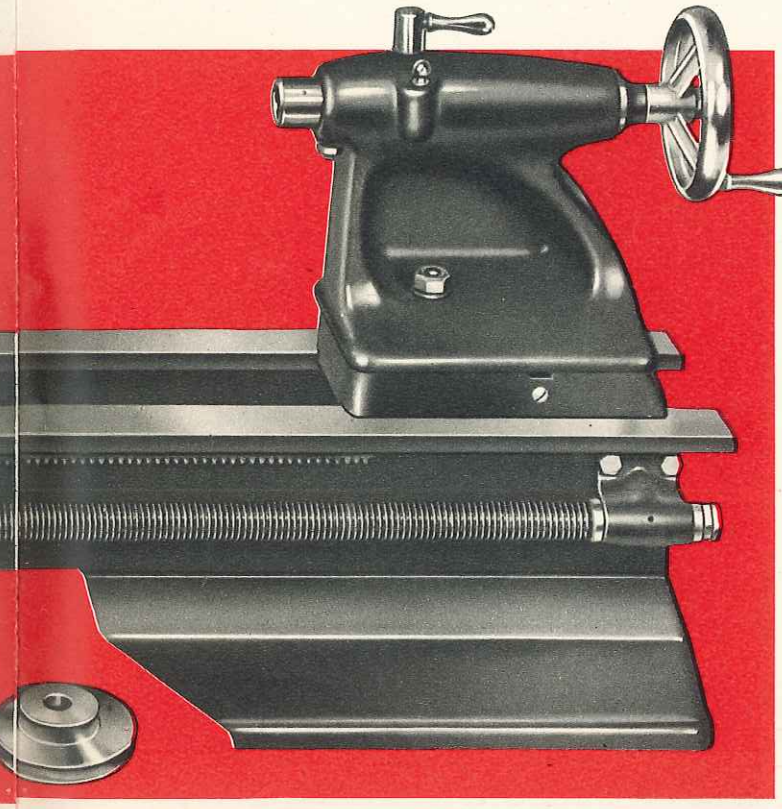
T **CRAFTSMAN 3-jaw Universal Chuck.** Two sets of jaws; one for outside and one for inside gripping. Spanner wrench included.
9 A 2298—Fits 1½-in. by 8-thread spindle. Diameter 5 in. Shpg. wt. 10 lbs.... **$29.95**
99 A 02299—Fits 1½ by 8-thread spindle. Diameter 6 inches. Shpg. wt. 15 lbs. **38.95**

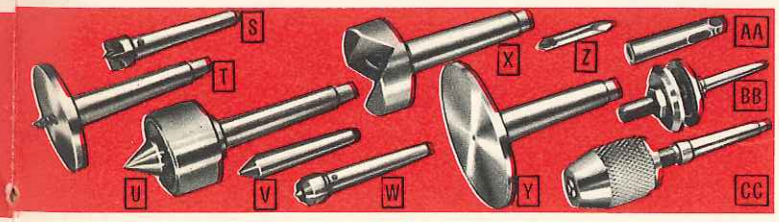
U **CRAFTSMAN 3-jaw Universal Chuck.** Pinion gear type. Two sets of jaws (outside and inside). Square socket chuck wrench.
9 A 2150—Fits 1½-in. by 8-thread spindle. Diameter 5 in. Shpg. wt. 6 lbs. 11 oz. **$39.95**

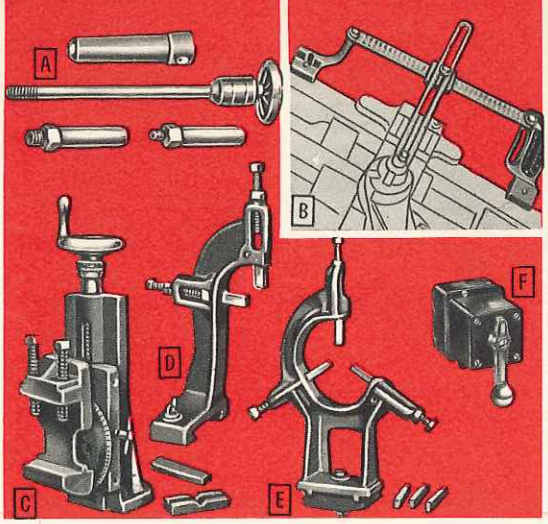
Accessories shown on these two pages can be used on above Lathe, and also on our previous models 2065, 2067, 2069, 2071, 2073 and 2077

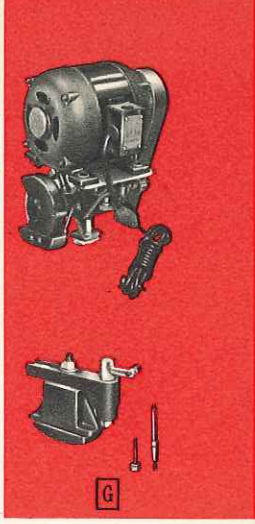
we have ever sold!

SPECIFICATIONS:	99 AM 2075	99 AM 2079
• Swing over bed	12¼ inches	12¼ inches
• Distance between centers	24 inches	36 inches
• Spindle, Nose size	1½ in.; 8 thread	1½ in.; 8 thread
Taper	No. 2 Morse	No. 2 Morse
Bore	25/32 inch	25/32 inch
• Spindle bearing	2 Timken roller	2 Timken roller
• Thread range	4 to 96 R.H. or L.H.	4 to 96 R.H. or L.H.
• Feeds	Five: .0024; .0035; .005; .0071; and .0087	
• Back gear ratio	Approx. 6 to 1	Approx. 6 to 1
• Countershaft and back gear bearings	4 porous bronze	4 porous bronze
• Swing over carriage	8⅝ inches	8⅝ inches
• Compound rest travel	2 9/16 inches	2 9/16 inches
• Cross feed	Reversible; power feed	Reversible; power feed
• Tailstock taper	No. 2 Morse taper	No. 2 Morse taper
• Tailstock set over	¾ inch	¾ inch
• Machine pulley (included)	6-inch 4-step	6-inch 4-step
• Motor pulley (included)	4½-inch 2-step	4½-inch 2-step
• Speeds	Sixteen	28 to 2072 R.P.M.
• Motor recommended (minimum)	⅓-H.P. 1750 R.P.M.	⅓-H.P. 1750 R.P.M.
• Over-all dimensions	Height 20 inches	20 inches
	Width 25½ inches	25½ inches
	Length 45 inches	57 inches









Lathe Accessories . . Tool Post Grinder

A **Holding Collet.** For use on straight shank milling cutters. Furnished with two arbors; one to take threaded hole angular cutters, etc. Hand wheel. Shpg. wt. 2 lbs. 8 oz.
9 A 2994 ..... **$9.90**

9 A 2985—Four bushings for use with ¼, 5/16, ⅜, and 7/16 inch end mills. Shpg. wt. 4 oz **$2.50**

B **Taper Attachment.** Eliminates moving tailstock out of alignment. Cuts duplicate tapers on pieces of different lengths. Does internal boring and external work easily. The index plate is graduated 7 degrees and 3 inches both sides of center line; equals 2 15/16-in. taper per foot. Shipping weight 11 pounds.
9 A 2984 ..... **$27.50**

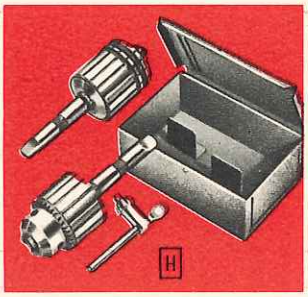
C **Milling Attachment.** Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2⅜-in. Vertical feed 3¾-in. Cross feed 5-in. Graduated micrometer feed screw. Wt. 18 lbs.
99 A 02987 ..... **$28.50**

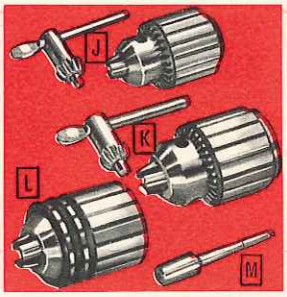
D **Follower Rest.** Mounts on back of carriage dovetail slide; provides support for greater accuracy in turning long, slender work. Shpg. wt. 3 lbs. 4 oz.
9 A 2988 ..... **$6.25**

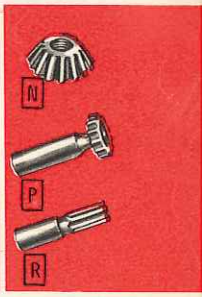
E **Steady Rest.** Clamps to bed ways. Gives needed support for turning long, slender pieces. Handles diameter to 2⅞-in. Complete with extra jaws. Shipping weight 7 lbs. 4 oz.
9 A 2050 ..... **$8.95**

F **Reversing Switch.** Not for repulsion-induction motors. For 99AM2048 (page 24) 99AM2075 and 99AM 2079 (opposite page). Shpg. wt. 1 lb. 9 oz.
9 A 2982 ..... **$5.75**

G **Universal Tool Post Grinder.** Mounts on tool post slide of compound rest. 2 speeds; 4900, 9100 R.P.M. With motor, external and internal grinding wheels, quill, diamond wheel dresser. ¼-H.P. 3450-R.P.M. ball bearing motor 110-volt 60-cycle A.C. Single end ball bearing shaft; built-in switch. Mailable. Shpg. wt. 65 lbs. Shipped from factory in central Michigan.
99 A 2998F **$84.50**







Jacobs Chucks and Milling Cutters

H **Jacobs Commutator Kit.** To hold armature shafts during reconditioning. Includes: No. 75A armature driving chuck; No. 100 center rest chuck (¼ to ¾-in. capacity); two arbors (No. 2 Morse taper, shank end; No. 3 Jacobs taper, head end); chuck key. In metal box.
9 A 2129—**Postpaid** (Shpg. wt. 7 lbs. 4 oz.) **$22.60**

J **Jacobs Drill Chucks.** For No. 33 Jacobs taper arbor.
9 A 2142—Jacobs No. 33 key-type chuck. Capacity 5/64 to ½-in. **Postpaid** (Shpg. wt. 1 lb. 8 oz.) .. **$7.50**
9 A 2143—Jacobs No. 6A-33 key-type chuck. Capacity 0 to ½ inch. **Postpaid** (Shpg. wt. 2 lbs. 8 oz.) .. **8.00**

K **Jacobs Headstock Chucks.** Nationally famous.
9 A 2144—Jacobs No. 58B. ⅛ to ⅝ inch. Fits 1½-in., 8-thread spindle. Use with No. 3 Jacobs taper arbor. **Postpaid** (Shpg. wt. 3 lbs. 12 oz.) **$16.50**
9 A 2121—Jacobs No. 59B. 3/16 to ¾ in. Fits only 1½-in. 8-thread spindle. Can't be used with an arbor. **Postpaid** (Shpg. wt. 5 lbs. 8 oz.) **$19.75**

L **Jacobs Center Rest Chuck.** Jacobs No. 100CR. Cap., ¼ to ¾ in. Use with No. 3 Jacobs taper arbor.
9 A 2991—**Postpaid** (Shpg. wt. 3 lbs. 2 oz.) **$11.00**

M **Jacobs Chuck Arbors.** Precision ground. Accurate. **Postpaid** (Shipping weight each 14 ounces).
9 A 2124—To fit 9A2142 and 9A2143 chucks above. No. 2 Morse taper and No. 33 Jacobs taper **$1.00**
9 A 2126—To fit 9A2129, 9A2144 and 9A2991 Jacobs chucks above. No. 2 Morse taper and No. 3 Jacobs taper **$1.00**

Jacobs Chuck Keys. (Not illustrated.)
9 A 2054—Jacobs No. 32 key. Fits following Jacobs chucks: Nos. 32, 32B, 32BB, 33, 33B, 33BB, 9, 11, 11N, 381. **Postpaid** (Shpg. wt. 7 oz.) **50c**
9 A 2052—Jacobs No. 3 key. Fits Jacobs chucks: Nos. 3, 3A, 3B, 3AE, 6, 6A-2A, 6A-33, 6B, 6AE, 14, 14N, 34, 34B, 54B, 55B, 56B, 58B, 75A. **Postpaid.** Wt. 10 oz. **55c**
9A2053—Jacobs No. 4 key. Fits Jacobs chucks: Nos. 4, 16, 16N, 18, 18N, 36, 36B, 59B. **Postpaid.** Wt. 12 oz. **80c**

N **Angular Type Milling Cutters.** For face milling or dovetailing. Use with threaded adapters supplied with 9A2994. Shpg. wt. each 3 oz.
9 A 2995F—*State size.*

Diam.	Thick	Hole	Price
1¼ in.	7/16 in.	⅜ in.	$6.95
1⅝ in.	9/16 in.	½ in.	7.95

P **Wood-ruff Keyway Cutters.** Well made; ground. ½-in. shank. Shpg. wt. each 4 oz. **State size.**

Diam.	Thick	9A2996F
½ in.	⅛ in.	$3.75
¾ in.	3/16 in.	3.98
1 in.	¼ in.	4.98
1⅛ in.	5/16 in.	5.75
1¼ in.	⅜ in.	6.50

R **R.H. Cut, R.H. Spiral End Mills.** Used with 9A2994 and 9A2985. Shpg. wt. each 3 oz. **State size.**

Diam.	Flute	9A2997F
¼ in.	⅝ in.	$2.49
5/16 in.	11/16 in.	2.59
⅜ in.	¾ in.	2.79
7/16 in.	⅞ in.	2.98
½ in.	15/16 in.	3.25

Items above shipped from factory in central Michigan

Lathe Centers and other Accessories

S **Spur Center.** Use for wood turning. No. 2 Morse taper.
9 A 2107–Wt. 7 oz. ... **98c**

T **Screw Center.** Use for facing and hollowing. Replaceable center. No. 2 Morse taper.
9 A 2115–Wt. 14 oz. **$1.75**

U **Precision ball bearing 60-degree Center.** For high speeds. Center point rotates on ball bearing. No. 2 Morse taper.
9 A 2113–Wt. 8 oz. . **$2.98**

V **60-degree Center.** Precision ground. No. 2 Morse taper.
9 A 2111–Wt. 7 oz. ... **98c**

W **Tailstock Cup Center.** Supports work. Ground and hardened steel. Replaceable center point. No. 2 Morse taper.
9 A 2101—Wt. 7 oz. . . **98c**

X **Crotch Center.** Centers round work in tailstock for cross drilling. V-slot is precision machined. No. 2 Morse taper.
9 A 2114—Wt. 1 lb. **$1.75**

Y **Drill Pad.** Used in tailstock for support when drilling flat or square work. Diam. of face is 3⅛ in. No. 2 Morse taper. Wt. 1 lb. 2 oz.
9 A 2187 ..... **$1.55**

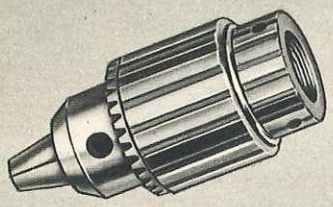
Z **Center Drill.** Tempered steel. In 3/32 or ⅛-in. size. *State size.*
9 A 2061—Wt. 1 oz. . . **49c**

AA **Adapter Sleeve.** To reduce from No. 2 to No. 1 Morse taper. Shpg. wt. 5 oz.
9 A 2161 ..... **$1.49**

BB **Work Arbor.** ½-in. x 20 thread. No. 2 Morse taper.
9A2152—Wt. 11 oz. **$1.25**

CC **Work Arbor with Chuck.** 3-jaw; tapped ½-in. x 20 thread. ½-in. capacity. No. 2 Morse taper. Wt. 1 lb. 8 oz.
9 A 2247 ..... **$2.15**

New, improved Jacobs "Safe-Lock" Chuck



Here's what you've been waiting for—a new, improved chuck that's exceptionally safe and amazingly accurate. The greatest chuck development in years!

★

The new-type Jacobs "Safe-Lock" Chuck has a swiveling threaded lock collar which screws securely onto the spindle of the drill press.

★

The threaded collar keeps the chuck firmly seated on the tapered spindle, which means that the chuck CANNOT possibly fly off the spindle regardless of speeds or the type of thrust.

★

The new Jacobs "Safe-Lock" Chuck eliminates the necessity of using special collet chucks or similar adapters for holding routing, carving, or dovetailing bits.

★

These outstanding features make the Jacobs "Safe-Lock" one of the most important chuck improvements in years! Drill Presses 99AM2314, 2313, 2364 and 2362 are equipped with "Safe-Lock" Chucks.

A Without motor $102.95 CASH
$10.50 DOWN ON TERMS
$132.50 with motor

B Without motor $90.50 CASH
$9.50 DOWN ON TERMS
$119.95 with motor

CRAFTSMAN REG. U.S. PAT. OFF.

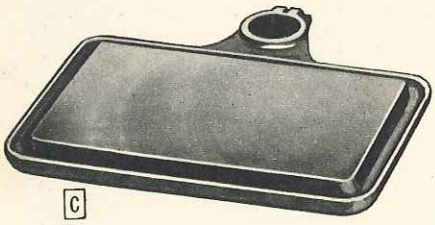
"100" Drill Presses

Ball bearing industrial type

Drill to center of 15-inch circle. Our finest! Extra heavy duty! We believe they're unmatched ANYWHERE in this price range! Meet the most rigid demands of professional craftsmen. Streamlined head . . . no unsightly spindle above head. Spindle "floats" within pulley! Four sets of heavy duty, shielded, precision ball bearings; lubricated for life! Three-lever feed handle.

New Jacobs "Safe-Lock" key chuck . . . 0 to ½-inch capacity; with key. Exclusive "Perma-Coil" spiral-coil quill return-spring. Rubber cushion absorbs quill return shock; preloads quill bearings to take up wear and reduce spindle end play after long use. Positive-acting quill lock permits you to do routing, shaping and mortising using proper attachments. (Attachments not included; see pages 30 to 33.) Depth gauge graduated in 16ths of an inch. Accurate stop nuts may be set for repetitive drilling.

10x10-inch ground cast semi-steel table tilts 0 to 90 degrees right or left . . . slotted to hold fixtures. Taper pin maintains table in perfect alignment at horizontal (90 degrees) position. Base has 10x10-inch working surface.



C

CRAFTSMAN Production Table

C An indispensable accessory for production work. For use with oil or coolants. 19x18⅜x4 inches overall dimensions. Cast semi-steel; 10½x16½-inch ground surface. Oil trough surrounds table; ⅜-inch x 18 pipe thread outlet. Column bore 2¾ inches. Will fit drill presses 99AM2314, 99AM2331, 99AM2313, 99AM2330. With Allen wrench for cap screws. Shipped freight or express from factory in southern Michigan, from where you pay shipping charges on delivery.
99 AM 2306F—Shpg. wt. 47 lbs. **$24.50**

Drill Press Book

A "must" for all drill press owners. 32 pages covering over 100 drill press operations. Over 175 illustrations. Explains how to do drilling, shaping, sanding, mortising, dovetailing, routing and carving. Describes new uses and accessories for drill press. Paper bound. Shipping weight 2 ounces.
9 A 2921 ..... **25c**

SPECIFICATIONS	A 99AM2314	B 99AM2313
Depth of throat	7½ inches	7½ inches
Spindle	No. 33 Jacobs taper	
Bearings	4 sets precision ball	
Chuck capacity	0 to ½-inch	0 to ½-inch
Spindle travel	4 inches	4 inches
Quill diameter	1⅝ inches	1⅝ inches
Depth gauge graduations	1/16 inch	1/16 inch
Column diameter (outside)	2¾ inches	2¾ inches
Table size (work surface)	10x10 inches	10x10 inches
Table travel	43 11/32 in.	13 3/32 in.

SPECIFICATIONS	A 99AM2314	B 99AM2313
Distance, base to chuck, maximum	48 inches	17⅜ inches
Machine, motor pulleys (included)	5-in. 4-step	5-in. 4-step
V-belt (included)	½x44 in.	½x44 in.
Motor recommended, minimum	½-H.P. 1750 R.P.M.	
9 speeds from	625 to 5000 R.P.M.	
Mounting dimensions	16 1/16x14½ in.	9½x14⅛ in.
Overall dimensions:		
Height	68¾ in.	36⅝ in.
Width	18⅛ in.	12⅞ in.
Depth	24 in.	19 in.

A 99 AM 2314—Floor model without motor. Shipping weight 179 pounds **$102.95**
99 AM 2331—Floor model (as above) with ½-H.P. 1750 R.P.M. capacitor ball bearing, 110–120-volt 60-cycle A.C. motor. Shipping weight 213 pounds **$132.50**

B 99 AM 2313—Bench model without motor. Shipping weight 137 pounds. **90.50**
99 AM 2330—Bench model (as above) with ½-H.P. 1750 R.P.M. capacitor ball bearing, 110–120-volt 60-cycle A.C. motor. Shipping weight 171 pounds **$119.95**

99 AM 2260F—**Drill Press Head only.** With new Jacobs "Safe-Lock" key chuck, with key; without motor pulley and V-belt. Shipping weight 66 pounds **$55.00**

99 AM 2332F—**Drill Press Head only.** Without Jacobs chuck, motor pulley and V-belt. Shpg. wt. 64 lbs. **47.50**

Note: *Drill Press Heads only shipped freight or express from factory in Southern Michigan. You pay charges on delivery.*

A Without motor **$78.95** CASH
$8.00 DOWN ON TERMS
$108.50 with motor

B Without motor **$50.95** CASH
$5.50 DOWN ON TERMS
$71.50 with motor

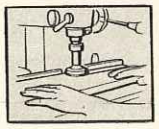
C Without motor **$18.50**
$35.50 with motor

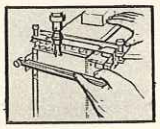
CRAFTSMAN REG. U. S. PAT. OFF. "80" and DUNLAP REG. U. S. PAT. OFF. Drill Presses

Just look at all the operations you can do with your drill press!

You can do all the operations at right on your drill press; AND you can cut keyways, do milling ... plus dozens of other jobs. See pages 30 to 33 for useful accessories to make your drill press handier.

ROUTING


PLANING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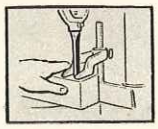
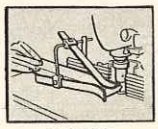
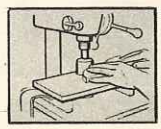

MORTISING


SHAPING


SANDING

A CRAFTSMAN "80". Professional quality. Heavy duty type. With new Jacobs "Safe-Lock" key chuck; 0 to ½-inch capacity; with key. Four sets heavy duty, shielded, precision ball bearings; lubricated for life!

Drills to center of 13½-inch circle. With "Perma-Coil" quill return-spring. Rubber cushion absorbs quill return shock and preloads quill bearings. Adjustable stop nuts for repetitive drilling. Depth gauge graduated in 16ths. 2¼-inch diameter column.

Perfectly aligned table. Tapered pin holds table on support in allignment at horizontal position. Tilts 0 to 90°. Cast semi-steel; slotted for attachments.

SPECIFICATIONS:
- Depth of throat ..... 6¾ inches
- Spindle ..... No. 33 Jacobs taper
- Bearings ..... 4 sets precision ball
- Chuck capacity ..... 0 to ½ inch
- Spindle travel ..... 3⅛ inches
- Quill diameter ..... 1⅝ inches
- Depth gauge graduations ..... 1/16 inch
- Outside column diameter ..... 2¼ inches
- Table size ..... 9x9 inches
- Table travel ..... 14 inches
- Base size (working surface) ..... 9x9 inches
- Base to chuck, maximum ..... 14 inches
- Machine and motor pulley (included) 5-in. 4-step
- V-belt (included) ..... ½x41 inches
- Motor recommended, minimum . ½-H.P. 1750 R.P.M.
- 9 speeds ..... 625 to 5000 R.P.M.
- Mounting dimensions ..... 8⅝x12 1/32 inches
- Over-all dimensions: Height 31⅜ inches; width 11⅞ inches; depth 16⅝ inches

99 AM 2364—Without motor. Shpg. wt. 110 lbs. **$78.95**

99 AM 2366—With ½-H.P. 1750 R.P.M. capacitor 110–120-volt 60-cycle A.C. ball bearing motor. Wt. 144 lbs. . **$108.50**

99 AM 2259F—**Drill Press Head only.** With Jacobs "Safe-Lock" key chuck, with key; less motor pulley and V-belt. Shipping weight 61 pounds **$47.50**

99 AM 2322F—**Drill Press Head only.** Without chuck, motor pulley or V-belt. Shpg. wt. 59 lbs. **$39.50**

Note:—Drill Press heads only shipped freight or express from factory in Southern Michigan. You pay charges on delivery.

B DUNLAP. A good quality drill press. Accurate . . . . does efficient work in either wood or metal.

Drills to center of 12¼-inch circle. Runs on three long-life, self-lubricating porous bronze bearings; ball thrust bearing absorbs spindle thrust. Famous "Floating Drive" spindle assembly eliminates side pull of belt and pulley "whip"; helps give smoother operation.

New Jacobs "Safe-Lock" key chuck (5/64 to ½-inch capacity) with key. Adjustable stop collar for repetitive drilling. Depth gauge accurately graduated in 16ths of an inch. With new "Perma-Coil" spiral-coil quill return-spring; rubber cushion absorbs return shock.

Smooth ground cast semi-steel table. 7¾x7¾-in. working surface on both table, base. Table does not tilt.

SPECIFICATIONS:
- Depth of throat ..... 6⅛ inches
- Spindle ..... No. 33 Jacobs taper
- Bearings ..... 1 ball thrust; 3 porous bronze
- Chuck capacity ..... 5/64 to ½-inch
- Spindle travel ..... 3 inches
- Outside diameter of column ..... 1⅞ inches
- Table size ..... 7¾x7¾ inches
- Table travel ..... 7 1/16 inches
- Base size (working surface) ..... 7¾x7¾ inches
- Base to chuck, maximum ..... 9 13/16 inches
- Machine and motor pulley (included) .... 4-inch 4 step
- V-belt (included) ..... ½x37 inches
- Motor recommended, minimum . ⅓-H.P. 1750 R.P.M.
- 9 speeds ..... 750 to 4000 R.P.M.
- Mounting dimensions ..... 7 5/16x11 1/16 inches
- Over-all dimensions: Height 26⅞ inches; width 10⅛ inches; depth 15½ inches

99 AM 2362—Without motor. Shpg. wt. 78 lbs. **$50.95**

99 AM 2363—With ⅓-H.P. 1750 R.P.M. ball bearing split phase motor 110–120-volt 60-cycle AC. Wt. 105 lbs. . **$71.50**

99 AM 2258F—**Drill Press Head only.** With Jacobs "Safe-Lock" key chuck, with key; less motor pulley and V-belt. Shipping weight 43 pounds **$31.50**

99 AM 2318F—**Drill Press Head only.** Without chuck, motor pulley or V-belt. Shipping weight 41 lbs. **$25.00**

Note:—Drill Press heads only shipped freight or express from factory in Southern Michigan. You pay charges on delivery.

C DUNLAP. A good, dependable, economy-priced drill press for your hobby shop or the small workshop. For drilling wood or metal.

Drills to center of 9-inch circle. Two top quality self-lubricating porous bronze bearings; one ball thrust bearing.

Adjustable head, table and idler drive. Screw-on type chuck; ⅜-inch capacity. Ground steel column. Smooth ground table does not tilt. ⅜x56-inch V-belt included.

SPECIFICATIONS:
- Depth of throat ..... 4½ inches
- Spindle ..... ½-in. x 20-thread
- Bearings ... 2 porous bronze; 1 ball thrust
- Chuck capacity ..... 0 to ⅜ inches
- Spindle travel ..... 1 11/16 inches
- Outside column diameter ..... 1⅛ inches
- Table size ..... 5⅛x5⅛ inches
- Table travel ..... 10 1/16 inches
- Base size (working surface) ... 6x6 inches
- Machine pulley (included) 3-inch 3-step for ⅜-in. V-belt
- Motor pulley (not included) 3-inch 3-step
- Motor recommended, minimum ¼-H.P. 1750 R.P.M.
- V-belt (included ..... ⅜x56 inches
- Seven speeds ..... 1150 to 3450 R.P.M.
- Mounting dimensions ..... 8x6¼ inches
- Overall dimensions: Height 24 25/32 inches; depth 13¼ inches; width 7 1/16 in.

99 A 02172—DUNLAP drill press, without motor. Shipping weight 27 pounds **$18.50**

99 AT 2188—With ⅓-H.P. 1750 R.P.M. split phase, bronze bearing 110–120-volt 60-cycle A.C. motor and 3-step cone type motor pulley. Shipping weight 54 pounds **$35.50**

Buy your drill press NOW on Sears Easy Terms —only a small down payment, balance monthly. See inside back cover for details.

Drill Press Accessories . . do more jobs with less effort . .

CRAFTSMAN Twist Drill Sets complete with Drill Stand

Our finest CRAFTSMAN twist drills . . . highest quality steels, expertly tempered and hardened. Precision ground to exact size. Carbon tool steel drills for hand, breast or bench drills operating at relatively low speeds; high speed drills for high speed in electric drills and power driven drill presses. Sets come in drill stands with hole sizes clearly marked for quick selection of drills. Stands may be used as drill gauges.

A **Ten-piece drill sets in drill stands.** Sizes, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, and 1/4 inch. Shipping weight per set 8 ounces.
9 A 6705—10-pc. carbon tool steel drill set and stand . . **$1.85**
9 A 6703—10-pc. high speed steel set and stand **$3.50**

B **Sets of 60 wire gauge drills, sizes 1 to 60, in drill stands.** Shipping weight per set 2 pounds 12 ounces.
9 A 6701—60-pc. carbon tool steel set and stand . . . **$9.75**
9 A 6707—60-pc. high speed steel set and stand **$18.50**

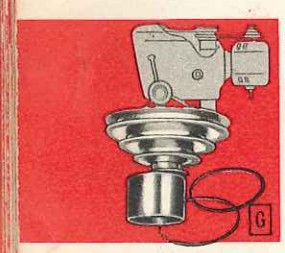
C **Sets of 29 drills, sizes 1/16 to 1/2 inch by 64ths, in drill stands.** Shipping weight per set 4 pounds 2 ounces.
9 A 6702—29 pc. carbon tool steel set and stand . . . **$10.95**
9 A 6704—29 pc. high speed steel set and stand **$21.75**

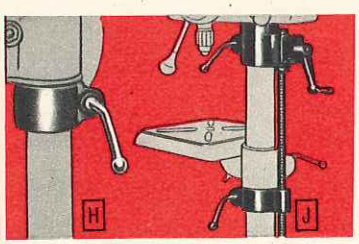
Get more use out of your drill press and drills

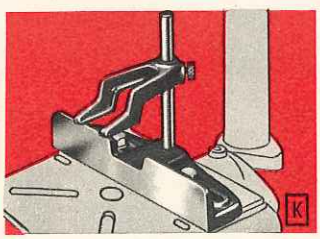
D **Tapered Adapter.** Enables you to fit No. 2 Morse male taper shank drill to No. 33 Jacobs male taper spindle.
9 A 2445—Shipping weight 8 ounces **$2.45**

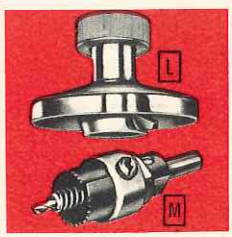
E **CRAFTSMAN Drill Grinding Attachment.** Repoint your drills with factory accuracy. Make old drill like new! Frame made of die-cast aluminum . . . strong, non-rusting. Adjustable for all popular drill point angles; countersinks. Handles twist drills of following sizes: 1/8 to 3/4 in.; No. 1 to No. 30; A to Z; 3.0 to 19.0 millimeters. With instructions.
9 A 6677—Shipping weight 2 pounds 8 ounces **$5.25**

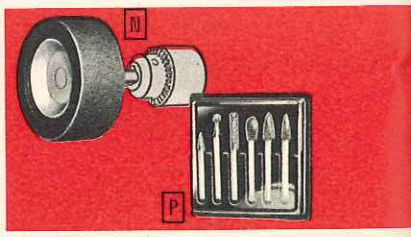
F **Drill Press Instruction Book.** 32 pages; over 100 drill press operations; over 175 illustrations. Explains drilling, shaping, sanding, mortising, dovetailing, routing, carving. Describes new uses and accessories.
9 A 2921—Shipping weight 2 ounces **25c**











CRAFTSMAN Multi-Speed Attachments. The right speed for every drill press job. 20 speeds from 200 R.P.M. to about 15,000 R.P.M. A complete range for the low speeds required for metal drilling even with 1/2-inch drill. Ball bearing construction. Balanced 4-step, cone-type pulley. 2 V-belts included. We recommend 1/2-H.P. 1750 R.P.M. motor (minimum).

G Fits Nos. 99AM2314, 99AM2313, 99AM2364 (pages 28 and 29), and some other drill presses with 2 or 2 3/8-inch (plus .005-inch) inside diameter column.
9 A 2338—Shpg. wt. 4 lbs. 2 oz . . **$11.35**
9 A 2399F*—(Not shown.) Fits former drill presses 2482, 2483, others with 2 3/8-inch (plus .005-inch) inside diameter column. Shpg. wt. 5 lbs **$11.35**
9 A 2394F*—(Not illustrated). Fits former drill presses 2407, 2392, 2423, others with 2 3/8-inch (plus .005-inch) inside diam. column. Shpg. wt. 5 lbs . . **$11.35**
9 A 2397F*—(Not shown.) Fits former drill press 2380 and some others with 2-inch (plus .005-in.) inside diameter column. Shpg. wt. 5 lbs **$11.35**

**Shipped from factory in central Michigan*

H **Drill Press Collars.** Locks on column under drill press head or table. Easy to swing head or table around for working at different positions.
9 A 2429—For drill presses on page 28, or any drill press with 2 3/4-in. outside diam. column. Wt. 2 lbs. 8 oz. **$1.95**
9 A 2427—For 99AM2364 drill press listed on page 29, or any drill press with 2 1/4-inch outside diameter column. Shipping weight 2 lbs. 8 oz. **$1.95**

J **Head and Table Lift.** For 99AM2314 and other floor model drill presses with 2 3/4-in. outside diam. columns. Acme-threaded lift screw with bevel-gear drive controlled by crank handle. Both support collars have co-ordinate clamp locks. Each turn of crank gives 1/8-in. travel. Maximum travel at any one setting 12 in. Gear case and upper support collar is one piece. Ball thrust bearing; absorbs load on the screw.
99 A 02419—Shipping weight 30 lbs. **$21.95**

K **CRAFTSMAN Hold-down and Guide.** Fits almost any drill press table. For mortising, routing, planing or repetitive drilling. Fingers on hold-down prevent work from being lifted when chisel or drill is raised. Adjustable for thick or thin materials. Fence keeps work lined up. Attachment bolts to drill press table. Heavy cast iron construction.
9 A 2457—Shipping weight 5 lbs. 8 oz. **$4.25**

L **CRAFTSMAN Rotary Planer.** Fits drill presses having No. 33 Jacobs taper and 1 1/16-in. x 20-threaded side thrust nut or locking collar. Diam. 3 3/8 in. With Allen wrench.
9 A 2745—Shipping weight 8 oz. **$3.98**

M **Circular Hole Saw.** For drill presses, electric drills, etc. Finest heat treated high speed steel. Cuts clean holes in wood or metal. Depth of cut 7/8-in. Fits 1/2-in. chuck or larger. Mandrel, center drill and blade complete. *State size.*

Size, in.	3/4	1	1 1/4	1 1/2	2	2 1/2
Shpg. wt.	8 oz.	9 oz.	14 oz.	15 oz.	1 lb. 4 oz.	1 lb. 6 oz.
9 A 2698	$3.69	$3.69	$3.69	$3.69	$4.10	$4.59

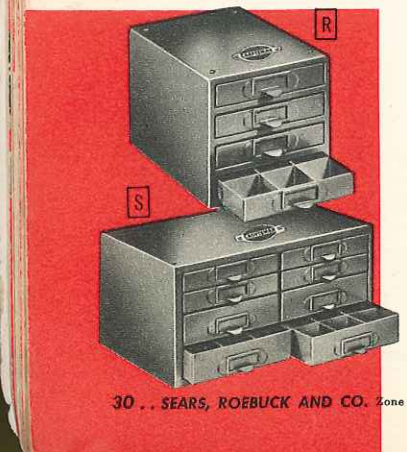
Saw Blade only for circular hole saw

Size, in.	3/4	1	1 1/4	1 1/2	2	2 1/2
Shpg. wt.	5 oz.	6 oz.	8 oz.	9 oz.	12 oz.	15 oz.
9 A 2697	89c	89c	89c	89c	$1.29	$1.79

N **CRAFTSMAN Sanding Drums.** For drill presses, flexible shafts, electric drills, etc. 1-in. faces; 1/4-in. plain spindle, 1 1/2 in. long. Use with collet chuck.
9 A 2497—1 1/2-in. diameter. Shipping wt. 5 oz. . . . . Each **79c**
9 A 2498—2 3/16-in. diameter. Shipping wt. 6 oz. . . . . Each **98c**
9 A 2499—3-in. diameter. Shipping wt. 9 oz. . . . . Each **$1.10**
9 A 2442—**Sanding Drum Sleeves.** Fine or coarse grit. *State diameter and grit wanted.* Shpg. wt. 3 oz. . . . . Pkg. of 6, **39c**

P **CRAFTSMAN 6-pc. Rotary Cutter Set.** High speed steel cutters; 1/4-inch diameter shanks. For flexible shafts, electric drills, bench drills, etc. For carving, filing, milling, routing, chamfering on wood, plastic and metal (except hardened steel).
9 A 2965—Shpg. wt. 12 oz. . . . . 6-piece set **$5.75**

Individual Rotary Cutters. Shipping weight each 3 ounces.
9 A 2966—1/4-inch. Cylindrical shape . . . . . Each **1.00**
9 A 2967—1/4-inch. Spherical shape . . . . . Each **$1.00**
9 A 2968—3/8-inch. Elliptical shape . . . . . Each **1.00**
9 A 2969—1/4-inch. Tree shape (radius end) . . . . . Each **1.00**
9 A 2970—3/8-inch. Tree shape (pointed end) . . . . . Each **1.00**
9 A 2971—1/4-inch. Conical shape . . . . . Each **1.00**



Tool Cabinets

R **CRAFTSMAN 4-drawer Tool Cabinet.** 24-gauge sheet steel, electrically welded. 8 1/4x7 1/2x10 in. overall. All drawers removable; stops prevent falling out. 4 drawers 7 1/2x10x1 1/4 in. Each drawer partitioned into 12 sections; partitions adjustable, removable; front of each has index card holder. Shpg. wt. 8 lbs.
9 A 6531 . . . . . **$5.25**

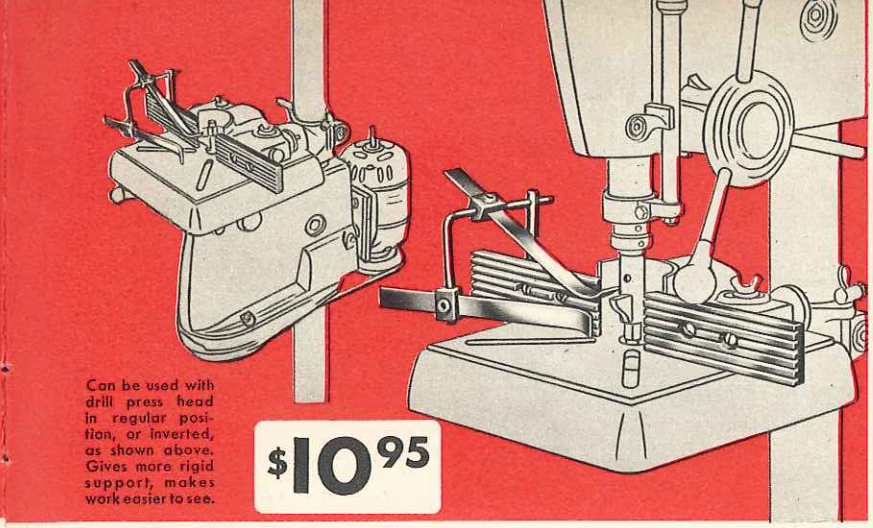
S **CRAFTSMAN 8-drawer Tool Cabinet.** Similar to above, except it has 8 drawers. Overall dimensions 10x16 1/2x8 in. Four drawers are 7x10x1 1/4 in.; four are 7x10x2 in. Shpg. wt. 16 lbs.
99 A 06532 . . . . . **$9.25**

CRAFTSMAN Steel Cabinets

T **Wall Cabinet.** 32 in. high; 19 in. wide; 5 1/4 in. deep. Steel doors have cylinder lock with key. 2 swingout drawers hold small items. Brackets on inside of doors for extra tools. Strong hinges.
99 A 06518—Shpg. wt. 23 lbs. **$17.50**

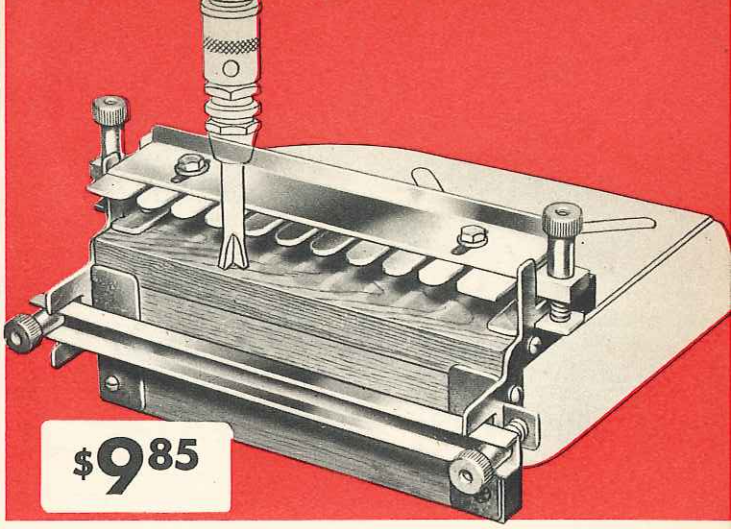
U **Deluxe Roller Cabinet.** Heavy 20-gauge steel. 37 1/4x28x18 3/16-in. Drawers have ball bearing rollers. 5 drawers, 23 3/16x17 9/16-in., with stops. 2 drawers, 1 9/16-in. deep, partitioned. 2 drawers 3 7/8-in. deep; bottom drawer 4 11/16-in. deep. Top drawer has cylinder lock, key; locks all drawers. 4-in. swivel ball-bearing casters. Front casters have side brakes. Light not included.
99 AM 4362—Shpg. wt. 133 lbs. **$79.00**

V **Light Fixture.** Swivels 360°. 18-in. flexible cable; double outlet; toggle switch. Takes 100-watt lamp. 5 1/2-ft. cord; plug. For 110–120 volt, 25-60 cycle AC-DC. *UL approved.*
9 A 4364—Shpg. wt. 3 lbs. 4 oz. **$5.69**



Can be used with drill press head in regular position, or inverted, as shown above. Gives more rigid support, makes work easier to see.

$10.95



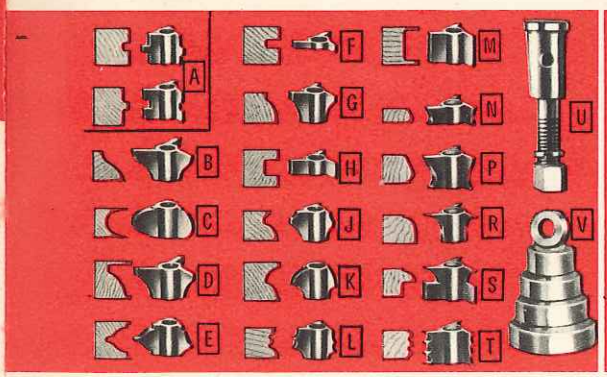
$9.85

Drill, Sand, Plane, Shape, Dovetail, Mortise . . . many more!

Convert your drill press into a shaper!

Now! This **CRAFTSMAN Shaper Fence Attachment** enables you to do simple shaping jobs with your drill press. It's ideal for the home craftsman who has limited use for a separate shaper. The fence gives the support necessary in making picture frames, sashes and a large variety of mouldings and trimmings. Fits drill presses 99 AM 2314, 99 AM 2313, 99 AM 2364 and 99 AM 2362 on pages 28 and 29 or most any other drill press. Unit fastens to drill press table with wing nuts. Once installed, it can be left undisturbed during operation adjustments. Fence faces of hardwood, each 6¾x2¼ in., have **separate** finger-tip micrometer-type adjustments with 1⅛-inch maximum forward and back travel; and open from 1 inch for smallest diameter shaper cutter to 3-inch maximum for large cutters and sanding drums. They also lock separately for greater accuracy. The fence faces are planed to within .005-inch accuracy **after** assembly of unit. One-piece cast aluminum has an opening in the back for a chip outlet. The cutter is enclosed for maximum safety. Adjustable steel hold-downs maintain a constant pressure on the work and have one-screw locks for easier action. It eliminates chatter and jumping. Hold-down assembly shifts quickly to either end of unit for regular or reverse feeding. Cutters and attachments used with this attachment are listed below. Buy this CRAFTSMAN Shaper Fence attachment now . . it will be a valuable addition to your workshop.

9 A 2487—Shipping weight 5 pounds.....**$10.95**



Shaper Cutters and Adapters for drill press or shaper

Diagram opposite each cutter shows cut it makes. Additional cuts can be made by using only part of cutter edges. Permit you to form almost any kind of contour. Made of finest alloy steel; carefully hardened; precision machined; ground to exact dimensions. Cutters have ½-inch bore. Use with adapter 9 A 2444 listed below.

A **Matched set of tongue and groove cutters.** 1 in. high; ⅞-in. radius.
9 A 2365–Wt. 10 oz.**$3.85**

Large size shaper cutters. Shpg. wt. each 8 oz.
B 9 A 2347—1 in. high, 1¼-in. radius...$2.85
C 9 A 2346—1 in. high, 1¼-in. radius...$2.85
D 9 A 2348—1 in. high, 1¼-in. radius...$2.85
E 9 A 2345—1 in. high, 1¼-in. radius...$2.85

Small size shaper cutters. Shpg. wt. each 6 oz.
F 9 A 2319—¼ in. high, ⅞-in. radius....$1.40
G 9 A 2323—½ in. high, ⅞-in. radius....$2.00
H 9 A 2321—½ in. high, ⅞-in. radius....$1.70
J 9 A 2329—1 in. high, ⅞-in. radius....$2.00
K 9 A 2335—1 in. high, ⅞-in. radius....$2.00
L 9 A 2327—1 in. high, ⅞-in. radius....$2.00
M 9 A 2333—1 in. high; ⅞-in. radius....$2.00

Special shaper cutters. Shipping weight each 4 ounces.
N 9 A 2380—Small Picture Frame Cutter. 1 in. high with ⅞-in. radius.....**$2.00**
P 9 A 2395—Large Picture Frame Cutter. ½ in. high with ⅞-in. radius.....$2.00
R 9 A 2309—Shoe Molding Cutter. 1 in. high with ⅞-in. radius$2.00
S 9 A 2369—Cupboard Door Cutter. 1 in. high, ⅞-in. radius.$2.00
T 9 A 2376—Bead Cutter. 1 in. high, ⅞-in. radius... ..$2.00

U **Adapter** for all ½-inch bore shaper cutters. Fits 99 AM 2314 and 99 AM 2313, 99 AM 2362 and 99 AM2364 (pages 28 and 29), or any drill press with No. 33 Jacobs tapered spindle and knurled locking collar. Shpg. wt. 7 oz.
9 A 2444.....**$1.45**

V **Set of 5 Shaper Collars.** Mount beneath shaper cutters (listed at left) to control depth of cut on curved work. Fit ½-inch spindle. Shpg. wt. 6 oz.
9 A 2367.....$1.98

W **CRAFTSMAN Drill Press Shaper Set.** Converts drill press into a shaper. Shapes almost any contour. Attachment is 4½ in. high; ½x4½-in. spindle. Operates at 5000 R.P.M.; blade guard for safety. With 5 assorted tool steel blades (¾ in. wide) and Allen wrench. Use with ½-in. collet chuck. Shpg. wt. 10 oz.
9 A 2486 .....**$2.98**

X **Sash and Door Cutter Kit.** Fits 99 AM 2392 (Page 18) and our former shaper, 2381. Includes 5 spring collars (⅛, ¼, 5/16, ½ and 1-inch wide) with ½-inch bore; sash cutter blade; Allen wrench; 2 recessed nuts (½x24 and ½x16-thread). Use with 9 A 2444 adapter (listed at left). Shipping weight 7 ounces.
9 A 2407.....**$3.49**

Buy on Sears Easy Terms! See inside back cover.

Dovetailing Attachment

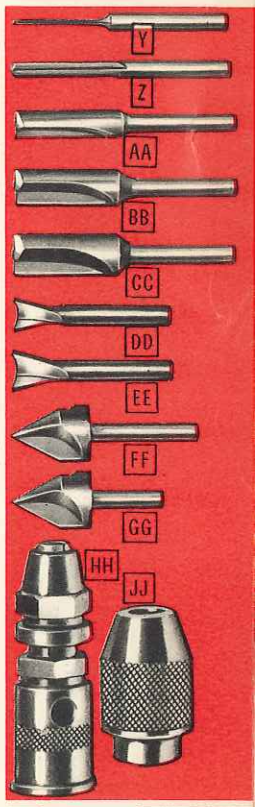
Makes perfect dovetail joints! Both pieces of wood are cut at same time. Pieces to be dovetailed held at right angles in clamp, and cutter is guided through one piece into the other. Complete with hardened steel spacing comb, to guide shank of router to predetermined depth; end plates; screw fittings and clamps for holding work; wood parts; instructions. Dovetail cutter bit not included. Use 9 A 2411 (below).

9 A 2462—Shipping weight 5 pounds 8 ounces.....**$9.85**

Woodworking Cutters

For drill-press carving, round-end mortising, dovetailing, boring, round edging, reeding and general routing. Precision made of finest quality high speed steel. Keen edges, perfectly ground to exact dimensions. All have ¼-inch shanks. Use with either 9 A 2455 or 9 A 2271 collet chucks shown below. Routing bits are used most efficiently when work is held against a fence to obtain parallel and accurate routing (see 9 A 2457 hold-down guide described and listed on opposite page). **Caution: Use these cutters in collet chucks only** (9 A 2455 and 9 A 2271 listed below), **never in Jacobs or other three-jaw drill chucks!** Shipping weight each 6 oz.

(Y) 9 A 2400—⅛-inch router.....**$1.25**
(Z) 9 A 2401—¼-inch router.....$1.35
(AA) 9 A 2402—⅜-inch router..... 1.40
(BB) 9 A 2403—½-inch router..... 1.60
(CC) 9 A 2404—⅝-inch router..... 1.85
(DD) 9 A 2410—⅜-inch dovetail..... 1.40
(EE) 9 A 2411—½-inch dovetail..... 1.60
(FF) 9 A 2415—½-inch carving..... 1.60
(GG) 9 A 2416—¾-inch carving..... 1.85



Collet Chucks

HH Collet chuck for cutters above or any ¼ or ½-in. diameter shank. ½-in. capacity with ¼-in. bushing. Fits any drill press with No. 33 Jacobs taper spindle having threaded locking collar. Replaces 3-jaw chucks for any work developing side thrust, as in routing.
9 A 2455—Shpg. wt. 8 oz.....**$1.45**

JJ Screw-on type collet chuck. Use with cutters above. Fit drill press or any ½ inch x 20 thread spindle (see 99 A 02172, on page 29). Shipping weight each 3 ounces.
9 A 2271—¼-in. capacity.....**$1.00**
9 A 2269—½-in. capacity.....$1.30

Mortising Chisel Housing

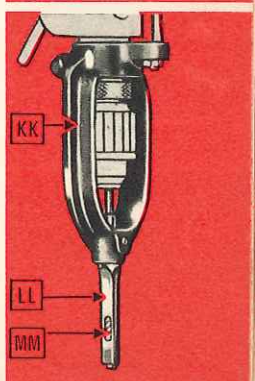
CRAFTSMAN. Cut square holes with your drill press. Housing mounts on quill. Bit drills round hole; hollow chisel trims corners square. Makes drill press a mortising machine that cuts clean, accurate mortise joints.

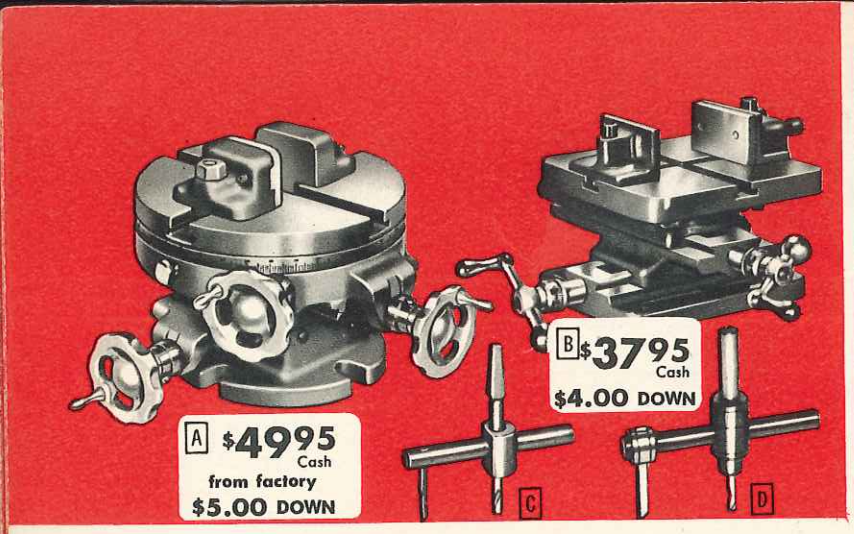
KK 9 A 2464—**Mortising Chisel Housing.** For drill presses 99 AM 2314 and 99 AM 2313 (page 28), and 99 AM 2364 and 99 AM 2362 (page 29). Use with 9 A 2420 and 9 A 2422 (listed below), or almost any mortising chisel and bit.
Shipping weight 3 lbs. 8 oz.....**$3.98**

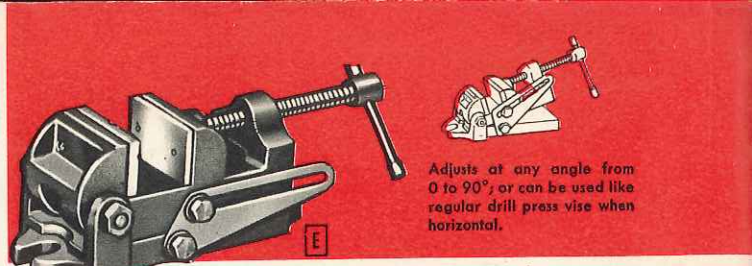
9 A 2461—**Mortising Chisel Housing.** For former CRAFTSMAN drill presses Nos. 2380, 2382, 2407, 2423 and 2392. Use with 9 A 2420 and 9 A 2422 (listed below) or almost any mortising chisel and bit. Shipping weight 3 pounds.....**$3.98**

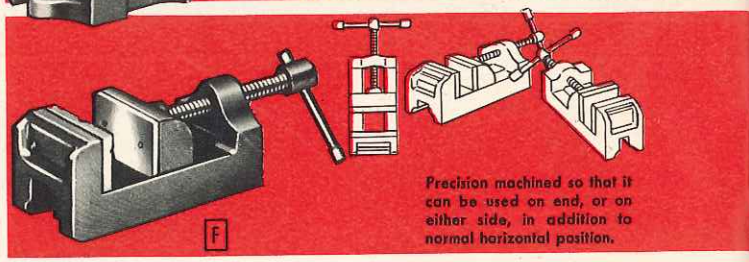
LL 9 A 2420—**Hollow Chisel.** For use with 9 A 2464 and 9 A 2461 (listed above). ¼, ⅜ and ½-in. **State size.** Shipping weight 4 oz.**$2.95**

MM 9 A 2422—**Mortising Bit.** For use with 9 A 2420 (listed above). ¼, ⅜ or ½-in. **Please state size.** Shipping weight 4 ounces.....**$1.85**









Drill Press Milling Vises . . Other Accessories

A **Milling Vise.** Built to fit drill presses, milling machines, surface grinders or shapers. Table rotates 360°. Dual cross feed 2⅛-in. each side or 4¼ in. overall. Calibrated in thousands. Rotary feed; calibrated in degrees. Shipped from Chicago, Ill. factory.
99 A 2496F—Shipping weight 38 pounds..... **$49.95**
99 A 2493F—Doesn't include rotary feed. Wt. 35 lbs..... **39.95**

B **CRAFTSMAN Drill Press Milling Vise.** Bolts on drill press table; adapts to shaper, lathe or grinder. Work is locked on 7x7-in. table between 2 adjustable jaws, moved to any horizontal position by 2 cross-feed controls. 6-in. travel base graduated 180°. 3½-in. vise capacity. Jaws 3-in. wide, 1⅝ in. high.
99 A 02432—With wrench. Shipping weight 32 lbs..... **$37.95**

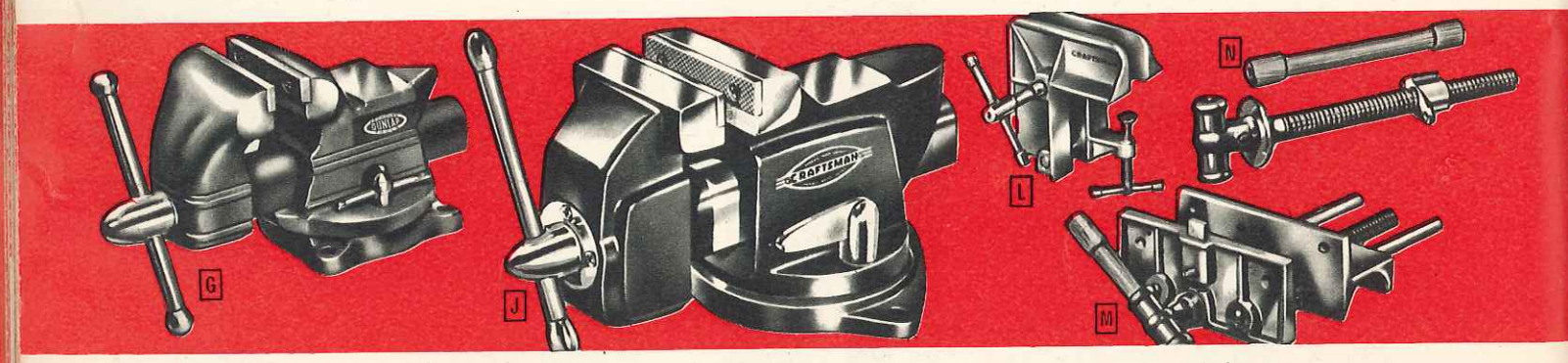
C **CRAFTSMAN Circle Cutters.** For small jobs. Takes standard bit brace. Cuts 1 to 5½-in. diameter. Removable speed bit.
9 A 3640—With set screw wrench. Shpg. wt. 10 oz..... **$2.45**

D **Heavy duty.** ½-in. shank for use in drill press, electric drill. Cuts holes 2 to 8 in. diameter up to 1 in. deep. With removable high speed steel bit. Set screw wrench included.
9 A 3641—Shipping weight 10 ounces..... **$4.79**

E **CRAFTSMAN Drill Press Angle Vise.** Makes work with small pieces more convenient. With this vise you get a quick, accurate set-up without fumbling with clamps or wedges. You can adjust it at any angle, from 0 to 90°, or use it like a regular drill press vise when horizontal. Can be used with magnetic chuck. Has hardened steel adjusting screws; provide easy, fast action. Fine pitch thread; long bearing in vise body. 2 7/16-inch jaws open to 2½ inches. Vise is 9-inches long overall. Accurately built of highest quality machined cast iron; has hardened steel jaws grooved for holding round or tapered hard-to-grip pieces. Smooth construction with rust-resistant finish.
9 A 2756—Shipping weight 9 pounds 12 ounces..... **$8.25**

F **CRAFTSMAN Drill Press Vise.** Our finest. Here's how you can increase the usefulness of your drill press. This professional quality vise greatly adds to your accuracy by holding work firmly in position while it is being drilled or worked on. You can use it in any position. Precision-squared sides make it possible to use this vise on end, or on either side, in addition to its normal horizontal position. Also can be used with magnetic chuck. Easy to set up. Bolts firmly to drill press table. It's our finest designed and built drill press vise. Accurately machined from highest quality iron castings. Has long-life rust-resistant finish. Precision cut adjusting screws are made of hardened steel with a fine pitch thread and long bearing in vise body. 2 7/16-inch hardened steel jaws are grooved horizontally and vertically for holding round or tapered pieces; open to 24 inches. Overall vise length 7¼ inches.
9 A 2755—Shipping weight 4 pounds 12 ounces... **$5.25**

See inside back cover for Sears Easy Payment Plan.



Bench and Woodworkers' Vises, Clamps, etc . . . to make your shop complete

G **DUNLAP Bench Vise.** **$9.50** Husky, semi-steel body; reinforced at points of strain. Heavy U-shaped slide beam fits snugly, yet slides easily. Acme-threaded steel screw. Replaceable, oil-tempered, hardened steel jaw faces. 3½-inch jaws open to 4¼ inches.

Swivel base turns left or right a full 180 degrees . . . has positive-locking three-point contact . . . locks in any position. Red finish. Weight 15¾ lbs. Mailable.

99 A 05244—**DUNLAP Bench Vise Only,** as above. Shipping weight 17 lbs.... **$9.50**

99 A 05243—**DUNLAP Bench Vise** as above, plus set of pipe jaws. Shipping weight 18 lbs..... **$9.95**

H 9 A 5242—**Pipe Jaws only.** For Vise 99A05244. Shpg. wt. 1 lb. 4 oz....Pair **85c**

J **CRAFTSMAN Bench Vise.** **$16.75** 3½-in. jaws Extra heavy duty. Body strongly reinforced at points of strain. All parts precision-machined and interchangeable.

Hardened and tempered, deep-knurled jaw faces replaceable. Cold rolled steel "U" beam slides easily, fits snugly, prevents jaw wobble. Beam covers screw; protects it against dirt and filings. Acme-threaded steel screw has 6 threads per inch.

Oval stops at ends of handle help prevent pinched fingers. New-type handle on base; faster than sliding bar. Swivel base turns 360° . . . locks at any desired angle. Gray enamel finish; jaws, anvil and handles highly polished. Mailable.

99 A 05176—3½-in. jaws; open 5 in. Shpg. wt. 29 lbs..**$16.75**

99 A 05169—4-in. jaws; open 5 in. Shpg. wt. 36 lbs.... **$18.50**

K 9 A 5167—**Pipe Jaws only.** For 99A05176 or 99A05169 vises. Shpg. wt. 14 oz. Pair..... **95c**

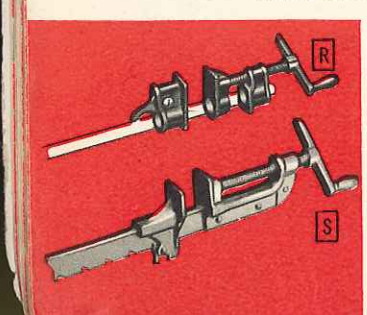
L **CRAFTSMAN Light-weight Woodworkers' Vise.** **$3.75** Here's the tool carpenters and mechanics have been awaiting for years . . . a rugged vise that's so light it easily can be carried in a tool kit. Has tough long-life cast aluminum jaws measuring 5½x5½ inches; open to 2¾ inches. Can be set up for operation almost anywhere; clamps to anything from ⅞ to 2¼ inches. Just the thing for craftsmen who do work away from the shop. Has Acme-threaded screws. Excellent for close-quarter work; vise will hold work in either horizontal or vertical position . . . as desired. Screw holes in each jaw permit fastening wood faces; will increase the use of your vise.
9 A 5202—Shpg. wt. 3 lbs... $3.75

Buy NOW on Sears Easy Terms.

M **CRAFTSMAN Woodworkers' Vise.** Heavy semi-steel front and back jaws; have smooth-ground faces; woodfaces can be fastened to jaws, if desired. Adjustable bench stop. Acme-threaded steel screw. 10-in. jaws; open to 10 inches.
99 A 05200—Wt. 24 lbs.....$12.50

Quick-acting Woodworkers' Vise. (Not shown.) Similar to 99A05200, but half turn of handle disengages screw; permits jaw to slide back and forth. To engage screw, turn in opposite direction again.
99 A 05201—Wt. 24 lbs.....$15.50

N **Bench Screw.** Now you can replace worn-out bench vises, or make new woodworkers' vises, etc., with this bench screw. Made of long-life steel. Measures 1 inch in diameter. Acme-cut threads. 15½-in. length; 14-in. handle.
9 A 6662—Wt. 5 lbs. 8 oz....$2.35

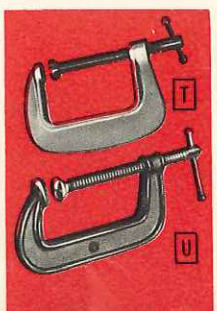


R **Gluing Clamp.** Designed for use with ¾-in. threaded pipe. Strongly constructed of rugged malleable iron. Has convenient crank adjustment. Smooth sliding jaw has 1¾x1⅞-inch face. Clamp has handy non-slip lever lock. Has cap for end of pipe; pipe not included.
9 A 6674—Shipping weight 3 lbs. 14 oz.... **$2.65**

S **Cabinet Maker's Steel Clamp.** T-bar measures 1½x½x3/16-inches. Sliding jaw has 1⅞-inch face; securely locks in grip notches. Acme threaded screw. Crank included with clamp.

99 A 06676—*State size wanted*

Opens to 3 feet	Shpg. wt. 8 lbs.	Each $5.15
Opens to 4 feet	Shpg. wt. 9 lbs.	Each 5.65



T **Aluminum Alloy C Clamps.** Won't rust! Close threaded screw. Smooth-sliding "T" handle.

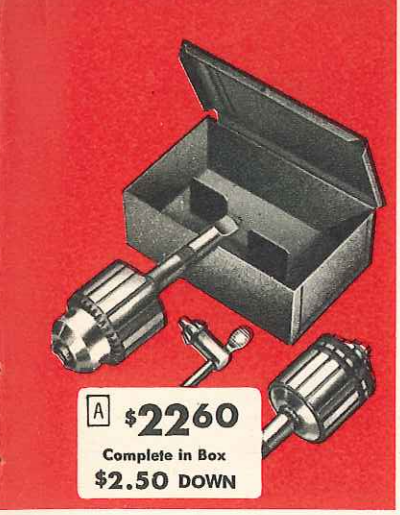
9 A 6670—*Please state size*

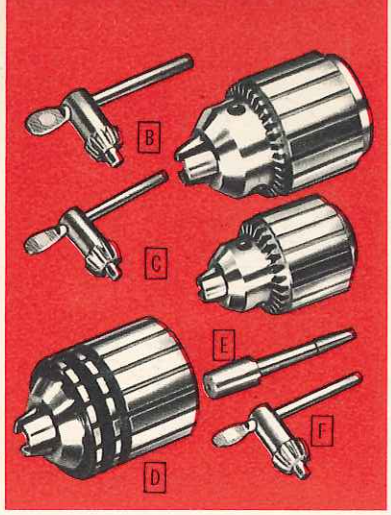
Opens to	1 inch	2 inches	3 inches	4 inches
Shpg. wt.	2 ounces	3 ounces	8 ounces	13 ounces
Each	31c	35c	72c	$1.00

U **Malleable Iron C Clamps.** Heavy duty. Acme-threaded screw. Self-adjusting swivel head.

9 A 6667—*Please state size*

Opens to 3 inches	Shpg. wt. 1 lb. 8 oz.	Each $0.95
Opens to 4 inches	Shpg. wt. 2 lbs. 2 oz.	Each 1.19
Opens to 5 inches	Shpg. wt. 2 lbs. 8 oz.	Each 1.35
Opens to 6 inches	Shpg. wt. 3 lbs. 2 oz.	Each 1.59
Opens to 8 inches	Shpg. wt. 4 lbs. 8 oz.	Each 2.15





Chucks and Accessories for Drill Presses, Lathes, etc.

A **Commutator Kit.** For holding armature shafts. Contains No. 75A armature driving chuck; No. 100 center rest chuck (¼ to ¾-in. capacity); two arbors (No. 2 Morse taper, shank end; No. 3 Jacobs taper head end); chuck key, metal box.
9 A 2129—**Postpaid.** (Wt. 7 lbs. 4 oz.) **$22.60**

B **Headstock Chucks with Key.**
9 A 2044—Jacobs No. 55B. Capacity 0 to 17/32 inches. Fits only 1-in., 8-thread spindle. **Postpaid.** (Shpg. wt. 3 lbs. 10 oz.) **$13.25**
9 A 2144—Jacobs No. 58B. Capacity ⅛ to ⅝-in. Fits 1½-in., 8-thread spindle. Can be used with No. 3 Jacobs taper arbor. **Postpaid.** (Shipping weight 3 pounds 12 ounces) **$16.50**
9 A 2121—Jacobs No. 59B. Capacity 3/16 to ¾ in. Fits 1½-in., 8-thread spindle. Will not fit any type arbor. **Postpaid.** (Wt. 5 lbs. 8 oz.) . **$19.75**

C **Drill Chucks with Key.**
9 A 2142—Jacobs No. 33 key-type chuck. Fits arbors with No. 33 Jacobs taper. Capacity 5/64 to ½ in. **Postpaid.** (Wt. 1 lb. 8 oz.) **$7.50**
9 A 2143—Jacobs No. 6A—33 key-type chuck. Fits arbors with No. 33 Jacobs taper. Capacity 0 to ½ in. **Postpaid.** (Shpg. wt. 2 lbs. 8 oz.) . . . **$8.00**

Key Chucks for Electric Drills

9 A 2978—Jacobs No. 1B type. Capacity 0 to ¼ in. Threaded ⅜-in. by 24 thread. **Postpaid.** (Shipping weight 8 ounces) **$5.50**
9 A 2979—Jacobs No. 7B type. Capacity 0 to ¼ in. Threaded ⅜ in. by 24 thread. **Postpaid.** (Shipping weight 10 ounces.) **$5.50**
9 A 2980—Jacobs No. 33B type. Capacity 5/64 to ½-in. Threaded ½-in. by 20 thread. **Postpaid.** (Shipping weight 1 pound 3 ounces.) **$7.50**

D **Center Rest Chuck.**
9 A 2991—Capacity ¼ to ¾ in. Use with No. 3 Jacobs taper arbor. **Postpaid.** (Shipping wt. 3 lbs. 2 oz.) **$11.00**

E **Chuck Arbors for 9A2142, 9A2143.**
9 A 2131—No. 0 Morse and No. 33 Jacobs taper. **Postpaid.** (Wt. 8 oz.) . . **$1.00**
9 A 2123—No. 1 Morse and No. 33 Jacobs taper. **Postpaid.** (Shpg. wt. 10 oz.) . . . **$1.00**
9 A 2124—No. 2 Morse and No. 33 Jacobs taper. **Postpaid.** (Shpg. wt. 14 oz.) . . . **$1.00**

For 9A2129, 9A2144, 9A2991 Chucks

9 A 2133—No. 0 Morse and No. 3 Jacobs taper. **Postpaid.** (Shpg. wt. 10 oz.) . . . **$1.00**
9 A 2154—No. 1 Morse and No. 3 Jacobs taper. **Postpaid.** (Shpg. wt. 12 oz.) . . . **$1.00**
9 A 2126—No. 2 Morse and No. 3 Jacobs taper. **Postpaid.** (Shpg. wt. 14 oz.) . . . **$1.00**

F **Chuck keys.** 9 A 2051—Jacobs No. 1. Fits chucks Nos. 1, 1A, 1B, 1BB, 1BS. **Postpaid.** (Shpg. wt. 4 oz.) **35c**
9 A 2054—Jacobs No. 32. Fits chucks Nos. 32, 32B, 32BB, 33, 33B, 33BB, 9, 11, 11N, 381. **Postpaid.** (Wt. 7 oz.) **50c**
9 A 2052—Jacobs No. 3. Fits chucks Nos. 3, 3A, 3B, 3AE, 6, 6A-2A, 6A-33, 6B, 6AE, 14, 14N, 34, 34B, 34VR, 54B, 55B, 56B, 58B, 75A. **Postpaid.** (Shipping weight 10 ounces.) **55c**
9 A 2053—Jacobs No. 4. Fits chucks Nos. 4, 16, 16N, 18, 18N, 36B, 59B. **Postpaid.** (Shipping weight 12 ounces.) **80c**
9 A 2073—Jacobs No. 7. Fits Jacobs chucks Nos. 7, 7B, 7-1A, 7D, 225, 7BB. **Postpaid.** (Shipping weight 7 ounces.) . **40c**

CRAFTSMAN Fine Quality Lathe Chucks. 3-jaw self-centering type. Jaws are controlled by single screw and pinion gear. Great accuracy, leverage, holding power. Perfect for centering work.

Chuck body casting of semi-steel. Alloy metal scroll and alloy steel pinion. Alloy steel jaws are heat treated, hardened; have raised steps. Complete with inside and outside gripping jaws. T-handle chuck wrench included.

G 9 A 2148—Fits 1-in. by 8-thread spindle. Diameter 4 in. Shipping weight 5 pounds 3 ounces. **$38.95**
9 A 2150—Fits 1½-inch by 8-thread spindle. Diameter 5 inches. Shipping weight 6 pounds 11 ounces **$39.95**

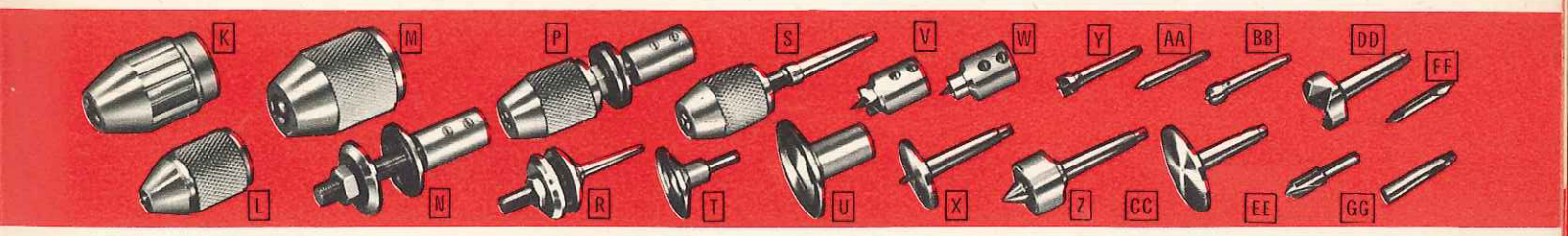
3-jaw Universal Chucks . . for medium duty. Self-centering, lever operated. Case-hardened, cold rolled steel jaws; polished steel body and scroll. Body casting precision threaded; fits directly on spindle. Has outside and inside sets of jaws. Chuck wrench included.

H 9 A 2296—Fits ½-in. by 20-thread spindle. Diameter 3 in. Shipping weight 3 pounds 5 ounces **$20.95**
9 A 2297—Fits 1-inch by 8-thread spindle. Diameter 4 inches. Shipping weight 6 pounds 5 ounces **$25.95**
9 A 2298—Fits 1½-in. by 8-thread spindle. Diameter 5-in. Wt. 10 lbs . . . **$29.95**
99 A 02299—Fits 1½-in. by 8-thread spindle. Diameter 6-in. Wt. 15 lbs . . . **$38.95**

CRAFTSMAN 4-jaw Independent Chucks. Precision made of finest materials. Body of special alloy steel has deep, wide jaw slots for added strength and greater bearing surface.

Four reversible jaws, drop forged from a solid bar of special steel, work independently; especially useful for holding irregular shaped pieces. Large jaw screw. Acme threaded. T-handle included. Fit any lathe with spindle diameters and threads per inch listed below. Sizes available to fit 5 different threaded lathe spindles.

J 9 A 2137—Fits ½-in. by 24-thread spindle. Diameter 3 in. Shpg. wt. 2 lbs. 8 oz. . **$7.95**
9 A 2157—Fits ½-in. by 20-thread spindle. Diameter 3 in. Shpg. wt. 2 lbs. 8 oz. **$7.95**
9 A 2156—Fits ¾-inch by 16-thread spindle. Diameter 4 in. Shpg. wt. 3 lbs. 10 oz. . . . **$8.95**
9 A 2138—Fits 1-inch by 8-thread spindle. Diameter 4-in. Shpg. wt. 3 lbs. 12 oz. . . . **$8.95**
9 A 2139—Fits 1½-in. by 8-thread spindle. Diameter 4-in. Shpg. wt. 9 lbs. 10 oz . . **$16.95**
99 A 02141—Fits 1½-in. by 8-thread spindle. Diameter 4-in. Shpg. wt. 25 lbs **$28.50**



K **Hand Tite Chucks.**
9 A 2175—Jacobs No. 4164 type. Capacity 0 to ¼ in. Tapped ½-in. x 20-thread. **Postpaid.** (Shpg. wt. 8 oz.) **$1.30**
9 A 2145—Jacobs No. 4165 type. Capacity 0 to ¼ inches. Tapped ½-in. x 24 thread. **Postpaid.** (Shpg. wt. 8 oz.) . . . **$1.30**
9 A 2146—Jacobs No. 4191 type. Capacity 0 to ¼ in. Tapped ⅜-in. x 24-thread. **Postpaid.** (Shpg. wt. 8 oz.) **$1.30**
9 A 2176—Jacobs No. 4364 type. Capacity 0 to ⅜ in. Tapped ½-in. x 20-thread. **Postpaid.** (Shpg. wt. 1 lb. 2 oz.) **$2.00**
9 A 2147—Jacobs No. 4365 type. Capacity 0 to ⅜ in. Tapped ½-in. x 24 thread. **Postpaid.** (Shpg. wt. 1 lb. 2 oz.) **$2.00**
9 A 2177—Jacobs No. 4464 type. Capacity ⅛ to ½ in. Tapped ½-in. x 20-thread. **Postpaid.** (Shpg. wt. 1 lb. 2 oz.) **$2.00**
9 A 2149—Jacobs No. 4465 type. Capacity ⅛ to ½ in. Tapped ½-in. x 24-thread. **Postpaid.** (Shpg. wt. 1 lb. 2 oz.) **$2.00**

Extra Fine Quality CRAFTSMAN screw-on 3-jaw Chucks. Tapped to fit ½-inch by 20-thread spindles. Please be certain to check spindle size.
L 9 A 2248—¼-in. capacity. Shpg. wt. 5 oz **79c**
9 A 2243—⅜-inch capacity. Shpg. wt. 5 oz. **90c**
M 9 A 2256—½-inch capacity. Shpg wt. 12 oz. **$1.00**

N **CRAFTSMAN General-purpose Work Arbor.** Converts motor into a grinder, polisher, buffer, etc. Made of rugged carbon steel. 4½-inches long. 2⅜-inch spindle has ½-inch x 20-thread. Has steel flanges for clamping grinding tools or bugging wheels. Fits ½ or ⅝-inch unthreaded shaft. Fastens with 2 set screws.
9 A 2164—**State whether for ½ or ⅝-inch spindle.** Shipping weight 12 ounces **98c**

P **Arbor with 3-jaw, ½-inch Drill Chuck.** Chuck and ½-inch x 20-thread arbor with steel flanges. Fits ½ or ⅝-inch unthreaded straight spindle. Fastens with 2 set screws. **State if for ½ or ⅝-inch spindle.**
9 A 2151—Shipping weight 1 pound 10 ounces **$1.89**

R **Work Arbors.** For mounting drill chucks and holding grinding, buffing, etc. ½-in. x 20-thread. Morse taper shank. 2 steel flanges for clamping wheels.
9 A 2117—No. 0 Morse taper. Shpg. wt. 8 oz. **$1.25**
9 A 2153—No. 1 Morse taper. Shpg. wt. 9 oz. **1.25**
9 A 2152—No. 2 Morse taper. Shpg. wt. 11 oz. **1.25**

S **Work Arbors with Chucks.** 3-jaw, screw-on type chucks, ½-in. capacity; tapped ½-in. x 20-thread.
9 A 2276—No. 0 Morse taper with chuck and arbor. Shipping weight 1 pound 4 ounces **$2.00**
9 A 2234—No. 1 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces. **$2.10**
9 A 2247—No. 2 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces **$2.15**

Abrasive Disc Holders. Ideal for converting lathe, drill press, etc. into a sander or polisher.
T 9 A 2446—1½-inch diameter. Has ¼-inch straight shank. Shipping weight 5 ounces **69c**
U 9 A 2447—2-inch diameter. Use on ½-in. x 20-thread spindle. Shpg. wt. 7 ounces **98c**

Lathe Centers. Ideal for use on any lathe with ⅝-in. straight spindle. Fasten with 2 set-screws. Steel construction. Especially designed for maximum strength and rigidity. Replaceable center points.

V 9 A 2105—**Headstock spur center.** For driving work mounted between centers. Shpg. wt. 6 oz. **$1.00**
W 9 A 2102—**Tailstock cup center.** Supports work in tailstock. Shipping weight 6 ounces **$1.00**
X **Screw centers.** For facing and hollowing operations. Replaceable center. Morse taper shank.
9 A 2116—No. 1 Morse taper. Shpg. wt. 12 oz. **$1.75**
9 A 2115—No. 2 Morse taper. Shpg. wt. 14 oz. **1.75**

Y **Spur Centers.** Use for wood turning. Accurately ground for perfect fit.
9 A 2108—No. 0 Morse taper. Wt. 3 oz. . . . **89c**
9 A 2106—No. 1 Morse taper. Wt. 4 oz. . . . **95c**
9 A 2107—No. 2 Morse taper. Wt. 7 oz. . . **98c**

Z **Ball-bearing 60° Center.** For hard wood or metal; for high speed operation.
9 A 2112—No. 1 Morse taper. Wt. 8 oz. . **$2.98**
9 A 2113—No. 2 Morse taper. Wt. 8 oz. . . . **2.98**

AA **60-degree Centers.** For turning hard woods and metals. Choice of 3 Morse shanks.
9 A 2103—No. 0 Morse taper. Wt. 3 oz. **89c**
9 A 2110—No. 1 Morse taper. Wt. 3 oz. **95c**
9 A 2111—No. 2 Morse taper. Wt. 7 oz. **98c**

BB **Tailstock Cup Centers.** Support work in tailstock. Morse taper shanks as listed.
9 A 2109—No. 0 Morse taper. Wt. 3 oz. **89c**
9 A 2100—No. 1 Morse taper. Wt. 3 oz. **95c**
9 A 2101—No. 2 Morse taper. Wt. 7 oz. **98c**

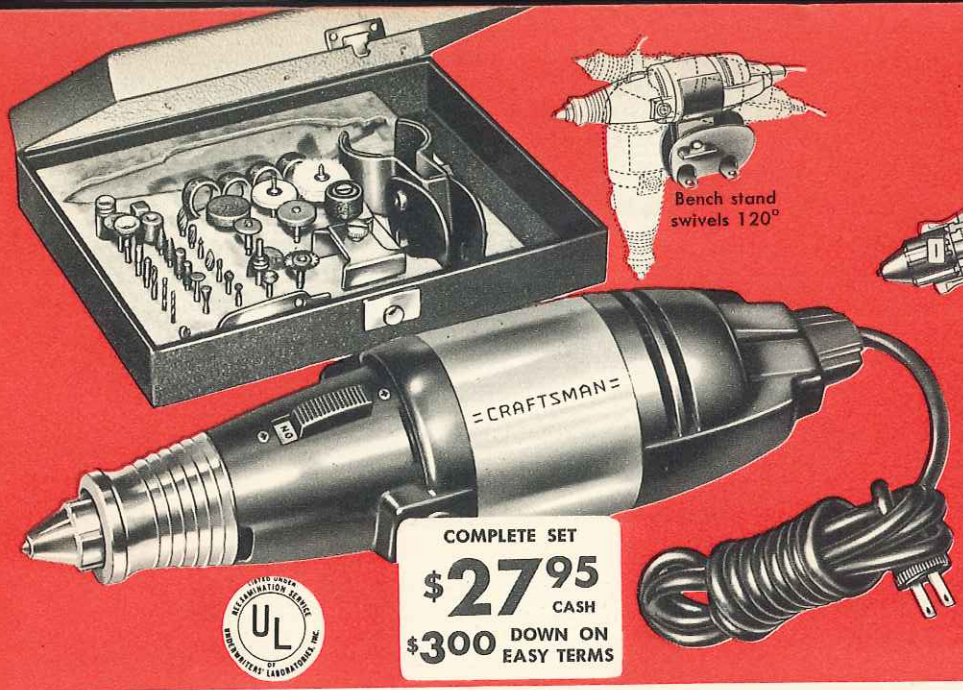
CC 9 A 2187—**Drill Pad.** Use in tailstock as rigid support for drilling flat or square work. Diameter of face, 3⅛-in. Steel shank has No. 2 Morse taper. Shpg. wt. 1 lb. 2 oz. . **$1.55**

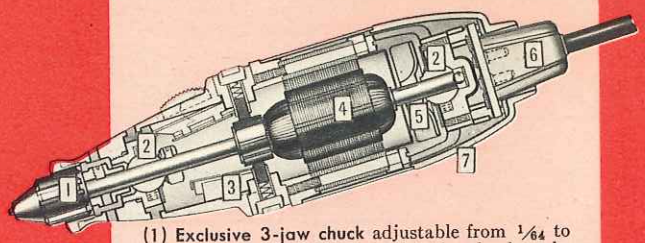
DD 9 A 2114—**Crotch Center.** Automatically centers round work in tailstock for cross-drilling. Precision-machined V-slot. Steel shank; No. 2 Morse taper. Shpg. wt. 1 lb. **$1.75**

EE 9 A 6697—**82° Center Reamer.** ⅜-in. size; ¼-in. shank diam. Shpg. wt. 1 oz. . **$1.15**

FF 9 A 2061—**Center Drill.** Combination drill and countersink. 3/32 or ⅛-in. sizes available. **State size wanted.** Shpg. wt. 1 oz. **49c**

GG 9 A 2161—**Adapter Sleeve.** To reduce from No. 2 to No. 1 Morse taper. Wt. 5 oz. **$1.49**





(1) **Exclusive 3-jaw chuck** adjustable from 1/64 to 1/8 in.; takes not only 3/32 and 1/8-in. shank tools, but also holds wire gauge drills, etc., without special adapters or collets. Much more useful.

(2) **Big tool construction.** Shaft straddle mounted on two large bearings. Also has ball thrust bearing.

(3) **Built-in condenser** reduces radio interference.

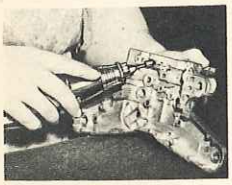
(4) **Motor has 50% more power** than any other make of rotary tool we known of in this class.

(5) **Scientifically designed fan** helps make this the coolest running rotary tool we've ever seen. Temperature rise hardly noticeable even after hours of use—it's really amazing.

(6) **New plug-in type cord** easily removed.

(7) **New functionally streamlined easy-to-hold design.** Easily clamped. 7¼ inches long overall.

Sensational CRAFTSMAN REG. U.S. PAT. OFF. Rotary Electric Tool Set

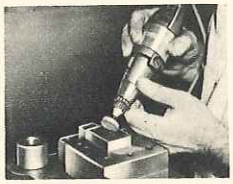


DEBURRING

CRAFTSMAN Rotary Electric Tool, on the production line, deburring castings. It also cleans, brushes, sands, cuts, carves, sharpens.

POLISHING

Does polishing work, with rubber bonded polishing wheel. And the CRAFTSMAN Rotary Tool can buff, rout and drill, too!



GRINDING

Does grinding on die work. CRAFTSMAN also sharpens, engraves and etches . . . it is invaluable for tool room use.

Yes—actual laboratory tests prove that the CRAFTSMAN Rotary Electric Tool has 50% **extra** power over other rotary tools of this type and size. This means that it takes bigger loads without stalling. We believe that it is America's finest electric rotary tool . . . we know of NO other tool of this type which even approaches the quality of this superlative CRAFTSMAN at ANY price!

Meets the most rigid demands of precision tool room work and continuous production line demands . . . is a wonderful tool for hobbies . . . has hundreds of uses! Drills, grinds, polishes, sharpens, engraves, saws, sands, routs, cleans, carves, buffs, brushes, cuts, etc. Can be used on wood, metal, glass, plastics, leather, etc.

Approved by Underwriters' Lab. We believe this is the ONLY tool of this type which has this expensive kind of chuck (see above). Convenient on-off switch. Finger rest keeps fingers in natural position; helps prevent sliding. Housing is strongly made of aluminum . . . no plastic is used! Powerful 15,000 R.P.M. motor for 110–120-volt, 25 to 60-cycle A.C. or D.C. With 52 accessories, all shown below, including cutters, saws, drills, brushes, polishing wheels, emery wheels, sanding drum, extra mandrels, adjustable steel bench stand, chuck wrenches, motor replacement brushes, 6-foot cord, etc. Comes in 11x8¾x2½-inch workshop case.

9 A 2950—**Complete 54-piece set.** Shipping weight 4 pounds **$27.95**

9 A 2949—**Rotary Electric Tool only,** with cord and plug. Shpg. wt. 2 lbs. **22.95**

Order yours today! Only a small down payment, balance monthly on Sears Easy Terms

CRAFTSMAN REG. U.S. PAT. OFF. Rotary Tool Accessories

Accessories for CRAFTSMAN Rotary Electric Tools. For rotary tools on this page; also hand grinder, flexible shaft outfit and router on opposite page. Shipping weight each 2 ounces.

A 9 A 2670—Barrel cutter. Diameter 7/32 in. 59c

B 9 A 2836—Ball cutter. Diameter 11/64 inch 59c

C 9 A 2671—Ball cutter. Diameter 7/32 inch 59c

D 9 A 2672—Flame cutter. Diameter 7/32 inch 59c

E 9 A 2673—Egg cutter. Diameter 7/32 inch 59c

F 9 A 2674—Cylindrical cutter. 1/8-in. diam.; 3/16 in. long. 65c

G 9 A 2837—Conical cutter. Diameter 1/8 in. x 11/64 in. 59c

H 9 A 2656—Saw cutter. Diameter 3/8 in. .045 in. thick. . 69c

J 9 A 2689—Saw blade without mandrel. Diameter ¾ inch, .023 in. thick 39c

K 9 A 2684—High speed drill. Diameter 1/16 inch 35c

L 9 A 2685—High speed drill. Diameter 3/32 inch 35c

M 9 A 2686—High speed drill. Diameter 1/8 inch 35c

N 9 A 2679—Disc type bristle brush. ¾-in. diameter . . . 15c

P 9 A 2680—Cup type bristle brush. ½-in. diameter 15c

R 9 A 2681—Mounted porte polishing brush. 3/16-inch diameter 15c

S 9 A 2653—Mounted abrasive flat wheel. 1-inch diameter; ¼ inch thick. Shapes; gives smooth finish 35c

T 9 A 2654—Mounted abrasive cup wheel. ½-inch diameter; ½ inch long 35c

U 9 A 2675—Mounted abrasive knife wheel. ⅜-inch diameter 29c

V 9 A 2676—Mounted abrasive tapered wheel. ¼-inch wheel 29c

W 9 A 2677—Mounted abrasive cylinder wheel. 3/16-inch diameter; ½ inch long 29c

X 9 A 2678—Mounted abrasive cylinder wheel. ¼-inch diam.; ½ inch long 29c

Y 9 A 2831—Mounted abrasive conical wheel. ¼-inch diam.; ¼ inch long 29c

Z 9 A 2832—Mounted abrasive flame wheel. ¼-inch diam.; ½ inch long 29c

AA 9 A 2977—Set of 3 felt buffers. 1-in. diam x ⅛-in. . . 35c

BB 9 A 2951—Set of 3 buffing wheels. 1¼-in. diam 35c

CC 9 A 2953—3 knife-edge rubber wheels. ⅝-in. diam. 29c

DD 9 A 2952—Set of 3 rubber-bonded polishing wheels. ⅞-inch diameter x ⅜-in. . . . 29c

EE 9 A 2699—Set of 4 replacement sanding sleeves for sanding drum assembly (FF) listed below 25c

FF 9 A 2696—Mounted sanding drum with sanding sleeve. ¾ in. diam.; ½ in. width 39c

GG 9 A 2691—Set of 12 silicon carbide discs. 1-inch diameter; 1/32 in. thick. Mounting hole size 1/16-inch diameter 29c

HH 9 A 2666—Mandrel. Nut and washer type 17c

JJ 9 A 2667—Mandrel. Screw-in-end type 17c

Buy on Sears Easy Terms! See inside back cover

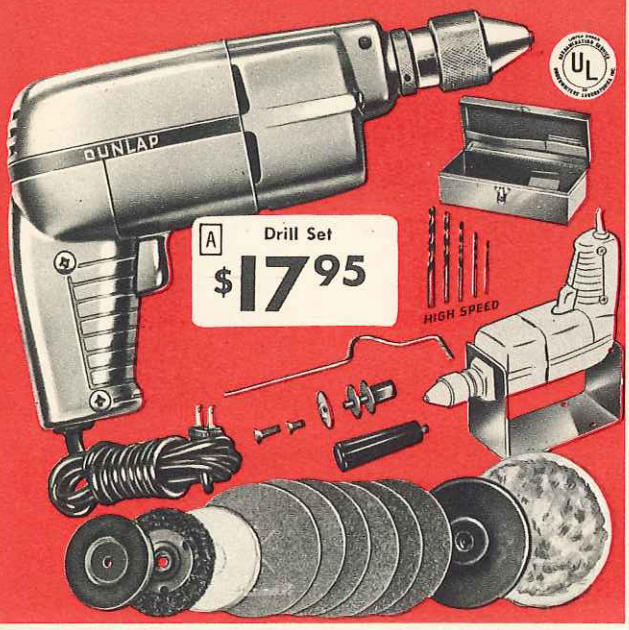
CRAFTSMAN REG. U.S. PAT. OFF. Rotary Electric Tool

Don't confuse this CRAFTSMAN Rotary Electric Tool with other similar tools selling in this price range. This is the quality for which you'd expect to pay much more. Has hundreds of uses. Grinds, drills, routs, carves, saws, cuts, engraves, sharpens, polishes, buffs, brushes, smooths, cleans, etc. Can be used on wood, metal, glass, leather, plastics, etc.

Powerful 15,000 R.P.M. universal motor for 110–120-volt, 25–60-cycle, AC or DC . . . fan-cooling system; grease-packed precision ball-bearing in front; self-aligning rear bronze bearing. Built-in condenser. Has positive-break, on-off switch. 1000-volt tested. *UL approved.* Has removable pistol-grip handle, and removable finger-rest over chuck. Collet chuck with 2 collet inserts (capacities, 3/32-inch and ⅛-inch). With 5½-ft. heavy rubber covered cord, unbreakable plug. Length 7 inches.

With 52 accessories at left; plus extra mandrels, sanding sleeves and abrasive discs, ripping guide, 2 chuck wrenches, collet chuck (2 inserts), emery wheel dresser, and set of motor replacement brushes . . in workshop case.

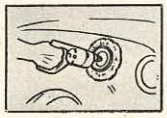
9 A 2652—Shipping weight 3 pounds 4 ounces **$21.00**

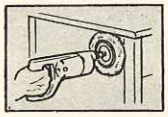


DUNLAP Electric Drill Sets . . low priced . . many uses

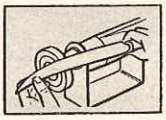
REG. U. S. PAT. OFF.

Drills wood, metals, plastics, etc.

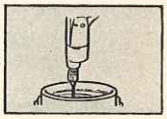

Polishes cars amazingly fast and easy.


Polishes and waxes furniture, etc.

Buffs silverware and other metals.


Grinds and sharpens knives, tools, etc.

Sands floors, furniture, etc.—fast!


Mixes paints and other liquids.

A **New! It's hard to believe, a 22-piece ¼-inch DUNLAP drill set with all these accessories at this amazingly low price.** Drill, sand, polish, grind, buff, even mix paint with ONE tool! Can drive ¼-inch bits in steel, ½-inch bits in wood. *UL approved.* Aluminum alloy frame. ¼-inch 3-jaw chuck. Precision bronze bearings and triple reduction gears. Chuck speed 1500 R.P.M. 8½ in. long; trigger switch with lock. Formex insulation. 110–120-volt 25 to 60-cycle AC or DC. 6-ft. cord, plug.

All the premium features above PLUS the following accessories: 5 *high speed drill bits* (1/16 to 3/16 in.); 3-inch cloth buffing wheel; 2¾x⅜-inch grinding wheel; 3¾-inch rubber sanding disc; 6 each, 4-inch assorted garnet sanding discs; 4½-inch sheepskin polishing bonnet; 6-piece adapter set; drill side handle; paint mixer; 3x⅜-inch wire wheel; horizontal drill stand for using drill as a bench tool; 12x5x4-inch steel case.

9 A 2588—Set as described above. Shipping weight 8 lbs. **$17.95**

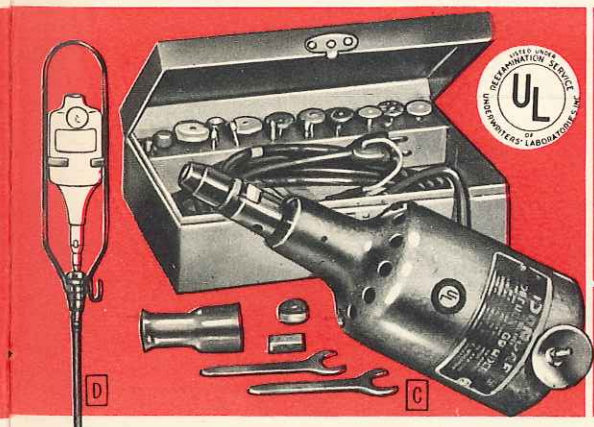
9 A 1706—**Flexible Shaft and 100 Accessories.** For electric drills, drill presses, etc. 36-in. long ¼-in. shank. Chuck capacity 3/32 to ⅛ in. Wt. 1 lb. 2 oz. **$7.69**

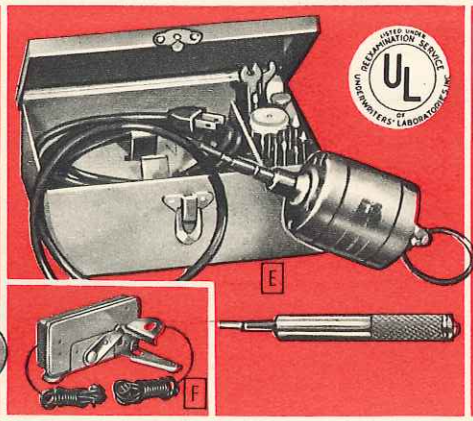
B **DUNLAP 26-piece ¼-inch drill set with Saw-Grip handle.** Better quality, with more and larger accessories and heavier metal box than drill set at left. A dependable precision-built-intermittent-duty drill powerful enough to drive ¼-in. bits in steel, ½-in. bits in wood. *UL approved.* Precision bronze bearings and triple reduction gears. Aluminum alloy frame. ¼-in. 3-jaw chuck. Removable auxiliary handle (in kit) makes possible two-hand operation. 1500 R.P.M. Drill is 12 in. long. Formex insulation. 110–120 volt 25 to 60-cycle AC or DC. 6-ft. rubber-covered cord, plug. Switch has lock for continuous running.

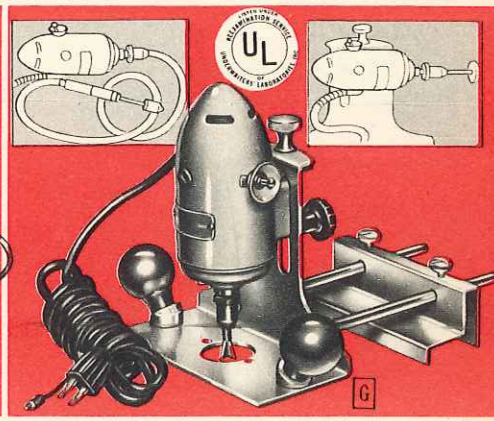
Accessories included: 10 *high speed* drill bits (1/16 to ¼ in.); 4-in. cloth buffing wheel; 3-in. grinding wheel; 4¾-in. rubber sanding disc; six 5-inch replacement abrasive discs; 5½-in. sheepskin polishing bonnet; adapter; paint mixer; horizontal drill stand, use drill as bench tool; auxiliary side handle; 13x6¼x6-in. steel case.

9 A 2574—Set, as described above. Shipping weight 10 lbs. **$21.95**

9 A 2575—DUNLAP Electric Drill only. Shpg. wt. 4 lbs. 2 oz **14.95**







CRAFTSMAN Electric Hand Grinder

REG. U. S. PAT. OFF.

C Rugged quality, for use in shop or tool room. **Underwriters' Laboratories approved.** Extra capacity . . . handles 3/32, ⅛ and ¼-in. shank tools. Extra power . . . 4 times the power of 9 A 2652 on opposite page. 17,000 R.P.M. motor (110–120-volt, 25–60-cycle A.C. or D.C.); 8-ft. cord, and plug. Handles big jobs without stalling. Extra versatility . . . sands, sharpens, grinds, saws, etc.; works in wood, metal, plastics, glass. Extra utility . . . converts in seconds to a flexible shaft tool (see 9 A 2517, below). Aluminum slip-sleeve covers the chuck for safety. Complete with 25 accessories: files, burrs, wheels, brushes, arbors, etc. Comes in metal box.

9 A 2516—Shipping weight 6 lbs. 14 oz. **$29.95**

CRAFTSMAN Flexible Shaft and Hanger Set

REG. U. S. PAT. OFF.

D Converts 9 A 2516 into a high-speed flexible shaft tool in seconds. Also for electric drill, drill press or router (9 A 2519) at right. 36-in. shaft; cover resists moisture, oil, grease. 5¼-in. hand-piece. Slip-sleeve covers chuck. For 3/32 and ⅛-in. shank tools. Hanger bracket holds 9 A 2516 and 9 A 2519 as shown.

9 A 2517—Shipping weight 3 pounds. **$13.95**

CRAFTSMAN Flexible Shaft Outfit

REG. U. S. PAT. OFF.

E **Underwriters' Lab. approved.** Pen-type handpiece permits more accurate work. Sensitive finger-tip control. You can grind, polish, sharpen, engrave, clean, mill, carve, etc. . . . do dozens of other jobs on metal, wood, glass and plastics. 15,000 R.P.M. motor (110–120-volt, 25 to 60-cycle, A.C. or D.C.); 2½ times more powerful than 9 A 2652 on opposite page. 8-ft. cord, and plug. 30-in. flexible shaft; 5¼-in. handpiece with aluminum sliding sleeve over chuck (holds 3/32 and ⅛-in. shank tools); 10 accessories. In sturdy metal case.

9 A 2515—Shipping wt. 5 lbs. 6 oz. **$26.95**

Speed Control Foot Switch

F Five controlled speeds plus "on" and "off." For 1/100 to 1/14 H.P. universal motors. Use with any electric tool above. With 4-ft. and 6-ft. cords and plugs. Size 7x4x4 in.

9 A 2518—Shipping wt. 2 lbs. 4 oz. **$3.98**

CRAFTSMAN Router . . a super value

REG. U. S. PAT. OFF.

G Unmatched anywhere in price, quality! Actually many tools in one! Ideal for routing and inlay work of many kinds. Perfect for mortising doors for locks, hinges, etc. Can also be used for dovetailing with proper attachments. Can be used with flexible shaft 9 A 2517 at left. Motor can be mounted horizontally for use as a bench tool.

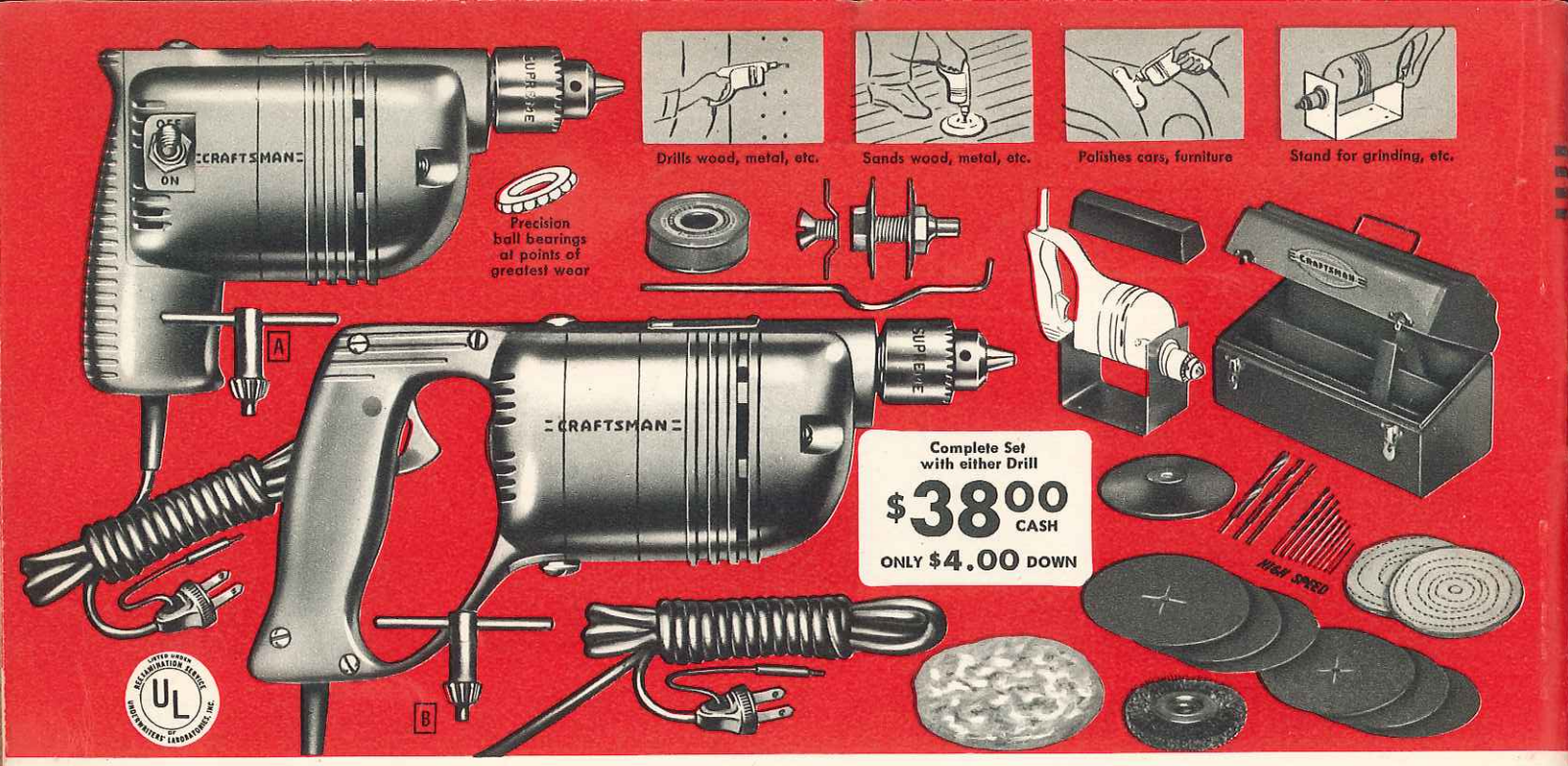
Takes ¼-in. shank cutters in collet chuck; also ⅛ and 3/32-in. shank tools with kit 9 A 2511 below. Motor raises or lowers 1 in. Fence slides horizontally on two 7½-in. bars; is designed for guiding on straight or irregular edges.

Approved by Underwriters' Lab. Powerful 1/15-HP 19000 RPM ball-bearing universal motor for 110–120 volt 25 to 60-cycle AC or DC; Formex insulated. Base 3½x7 in. Over-all height 7 to 8 in. With one 3/16-in. router bit and 8-ft. 3-wire rubber-covered cord and plug.

9 A 2519—**Router.** Shpg. wt. 4 lbs. 6 oz. **$29.95**

9 A 2511—**Kit.** ⅛ and 3/32-in. insert collets for above. Shipping weight 8 oz **95c**

9 A 2512—**Extra Router Bits.** Sizes ⅛, 3/16 and ¼ inch. *Slate size.* Shpg. wt. 4 oz. . . . . Each **$1.00**



CRAFTSMAN "80" 31-Piece Electric Drill Sets

REG. U.S. PAT. OFF.

Amazingly handy! Hundreds of uses! . . ¼-in. bit won't stall in steel plate!

Don't confuse these great CRAFTSMAN sets with other similar outfits selling in this price range. They include a *really superior drill*, with famous CRAFTSMAN quality . . . a powerful little brute that has become tremendously popular in taking the place of large, heavy, hard-to-handle drills. **Many, many uses.** You'll get an entirely new idea of the usefulness of an electric drill when you own a set like these. You'll use it, not only for drilling . . . but ALSO for sanding, polishing, buffing, grinding, and even mixing paint! A great work saver when used in polishing your car.

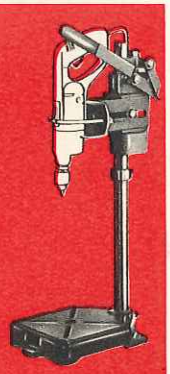
Famous CRAFTSMAN Drill. Approved by Underwriters' Lab. Die cast aluminum alloy frame is light and strong . . . drill weighs less than 3 pounds. Ball bearing construction gives exceptionally smooth operation and long life. Precision ball bearing in front end of motor; self-aligning rear bearing. Spindle needle bearing; ball thrust bearing. Double reduction gears, precision machine cut from special alloy steel. Finest precision "Supreme" geared key chuck with ¼-inch capacity. No-load chuck speed 1600 R.P.M. Powerful universal motor for use on 110–120 volt 25 to 60-cycle A.C. or D.C. With 10-foot 3-wire rubber covered cord and unbreakable plug. Switch has lock for continuous running.

Accessories in Set. 10 high speed drill bits (1/16 to ¼ in.); 3 wood bits (5/16, ⅜, ½ in.); two 4-in. buffers; 3x¾-in. grinding wheel; 5-in. rubber sanding disc; adapter; 6-in. sheepskin bonnet; 4-in. wire scratch wheel; six 5-inch sanding discs; buffing compound; paint mixer; drill stand for using drill as bench tool; steel case. (Pistol-grip drill is 7¾ in. long; Saw-grip drill, 9¾ in.).

9 A 1700—Set, with Pistol-Grip Drill. Shpg. wt. 12 lbs. **$38.00**
9 A 1701—Set, with Saw-Grip Drill. Shpg. wt. 12 lbs. $38.00
A 9 A 2577—Pistol-Grip Drill only. Shpg. wt. 4 lbs. 6 oz. $28.00
B 9 A 2578—Saw-Grip Drill only. Shpg. wt. 4 lbs. 10 oz. $28.00

Use these quality accessories to get the most from your electric drill

Grinding Wheel Arbor (See page 37) | Tampico Floor Brush (See page 46) | Wire Cup Brush (See page 46) | Wire Scratch Wheel (See page 46) | Sanding Drum (See page 46) | Rubber Polishing Wheel (See page 47) | Sanding Plate (See page 47)



DUNLAP Drill Press Stand

REG. U.S. PAT. OFF.

Now you can convert any ¼-inch electric drill on pages 36 and 37 into a fast, accurate, sturdy drill press. Greatly increases drill's usefulness . . . ideal for maintenance shops and hobbyists.

Drills can be easily installed in clamp and quickly aligned. Clamp can be rotated 360°. Permits horizontal polishing and sanding as well as vertical drilling. Feed handle has compound leverage . . . makes it easier to drill through steel. Built-in compression spring holds drill in raised position when not in use.

Maximum head travel, 2½ in. Outside column diameter, 1⅛ in. Depth-of-cut collar. Cast iron base table has 6x6-in. ground working surface; with center hole and diagonal slots. Overall height 25 in. Can also be used with 9A2516 electric hand grinder (see page 35). Shpg. wt. 15 lbs.

99 A 02589. . . . . **$13.95**

More for your Money with a CRAFTSMAN "100" Drill! Laboratory comparison with two famous heavy duty drills shows the CRAFTSMAN "100" similar in performance . . *at a huge saving!* Actually it sells for even less than *standard duty drills* by the same makers!

	Sears drill	Drill X	Drill Y
Maximum H.P.	.20	.234	.194
Full load H.P.	.15	.16	.138
No load R.P.M.	1600	1700	1800
Full load temperature rise	53°C	52.5°C	42°C
Efficiency	51.4%	53.5%	51.2%
U.L. approved	YES	NO	NO
Price	$39.95	$45.00	$45.00

CRAFTSMAN "100" Drills . . ¼-inch heavy-duty

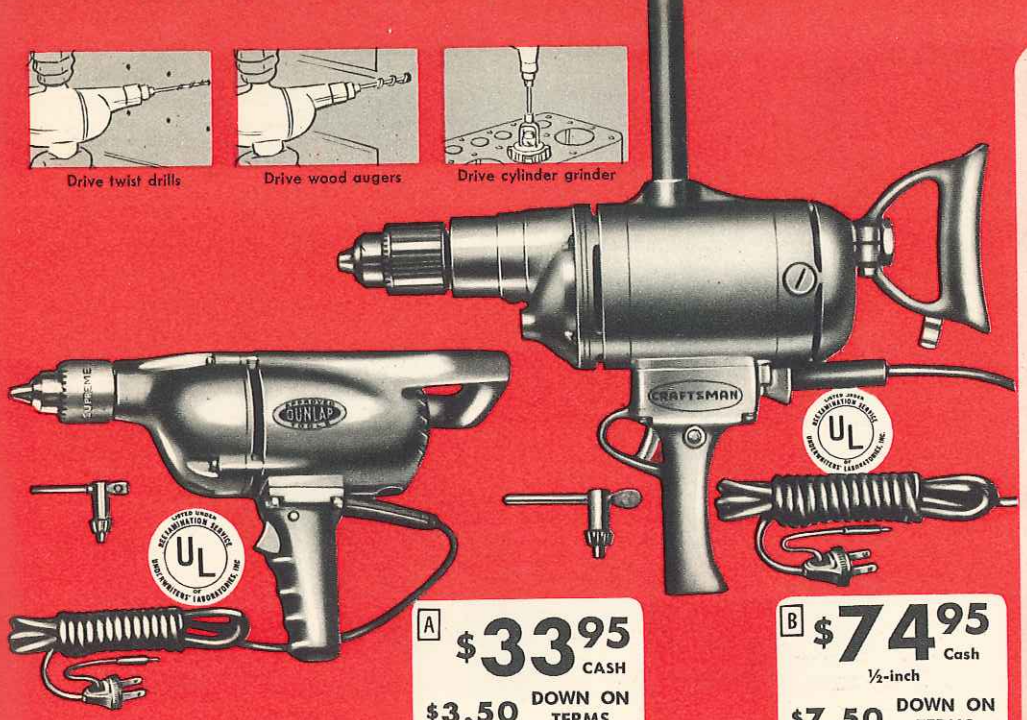
Genuine heavy duty design—priced less than many standard duty drills! For continuous production work. The finest combination of power, size and weight in a ¼-in. drill we've ever seen. UL approved. (Industrial standards). Meet Dept. of Commerce Commercial Standards. Super-powered, 110–120 volt 25–60 cycle A.C.–D.C. universal motor; won't stall on toughest jobs. Strong, lightweight, die cast aluminum alloy frame. Finest large "Supreme" precision geared key chuck. Double-reduction, nickel-chrome-molybdenum steel gears. Two precision ball bearings on motor shaft; two on gear spindle; one for thrust. Needle bearing on chuck spindle. No-load chuck speed 1600 R.P.M. Trigger switch; safety release; lock for continuous running. 10-ft. 3-wire cord; plug.

C 9 A 2570—Pistol-grip Drill. 7½ in. long.
Shipping weight 4 lbs. 14 oz. **$39.95**
D 9 A 2571—Saw-grip Drill. 10¾ in. long.
Shipping weight 5 lbs. 4 oz. **$39.95**

Drive twist drills

Drive wood augers

Drive cylinder grinder



A $33.95 CASH

$3.50 DOWN ON TERMS

B $74.95 Cash

½-inch

$7.50 DOWN ON TERMS

Electric Drills, ½-in. cap. or more

DUNLAP ½-inch Electric Drill

A You'd expect to pay much more for a drill with this quality and power. A new functionally designed precision-built tool with the extra power necessary for those tough jobs. It easily drives ½-inch bits in steel and 1-inch bits in hard wood. Exceptionally smooth and quiet in operation. An ideal utility drill.

New functional design makes this drill unusually easy to handle for its size and power. Aluminum alloy frame assures great strength, light weight. Finest "Supreme" precision-geared key chuck; ½-inch capacity; holds bits firmly, accurately. Gears, pinions, motor shaft and chuck spindle are made of high quality alloy steel. Triple reduction gears assure smooth operation and long life. Self-lubricating bronze bearings. Ball thrust bearing on spindle to take up end thrust. Double pole automatic-releasing switch locks for continuous running if desired.

Approved by Underwriters' Laboratories, Inc. Powerful universal motor operates on 110–120-volt, 25 to 60-cycle AC or DC. No-load spindle speed 425 R.P.M. Drill comes complete with 7-foot, 3-wire rubber-covered cord; unbreakable plug. Overall length of drill, 14 in.

99 A 02583—Shipping weight 10 pounds. *$3.50 down on Sears Easy Terms*.....Cash **$33.95**

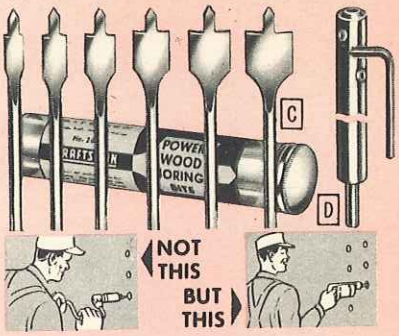
CRAFTSMAN production-type Drills

B By far our finest ball-bearing electric drills. Extra heavy duty. Built for heaviest production work in shop, factory or mill. Has plenty of surplus power . . . won't stall on any job when used with the largest drill size specified. Ball bearing construction, lightweight aluminum frame and modern design give these rugged drills maximum operating ease and efficiency.

Approved by Underwriters' Laboratories. Meets Department of Commerce commercial standards. Special triple reduction gears are made of heat-treated chrome nickel steel . . . supply extremely high torque. Smooth running, long life ball bearings throughout for quiet, efficient operation. Equipped with genuine Jacobs geared key chuck. Double pole switch locks for continuous running. Top and rear handles easily and quickly removable for close quarter work. Heavy-duty, universal motor for use on 110–120 volt, 25 to 60-cycle AC or DC. Comes with 10-foot, 3-wire rubber covered cord and unbreakable plug. Overall length 18½ inches. Available in three popular sizes.

Catalog Number	Size	R. P. M.	Shpg. wt.	Price
99 A 02585	½-inch	750	21 lbs.	$74.95
99 A 02586	⅝-inch	525	22 lbs.	81.95
99 A 02587	¾-inch	475	22 lbs.	85.95

New Type Power Wood Bits



Drill holes up to 1-inch diam. with a ¼-inch Electric Drill

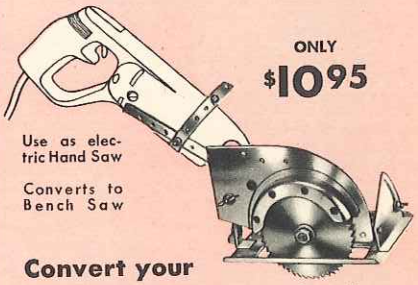
C New flat design allows you to drill holes in wood from ⅜ to 1 inch in diameter, with a ¼-inch electric drill. Will drill through nails. Made of heat-treated alloy steel. 6½ inches long. Drills holes up to 5½ in. deep.

9 A 2092—**Set of 6**, one each of sizes below in plastic case . . Shpg. wt. 10 oz.....**$4.98**

Separate sizes.....Each **89c**

9 A 2093—⅜ in. Shipping weight 2 ounces.
9 A 2094—½ in. Shipping weight 2 ounces.
9 A 2095—⅝ in. Shipping weight 3 ounces.
9 A 2096—¾ in. Shipping weight 3 ounces.
9 A 2097—⅞ in. Shipping weight 3 ounces.
9 A 2098— 1 in. Shipping weight 3 ounces.

D 9 A 2090—**12-in. Power Bit Extension.** Fits above bits. Ideal for drilling into narrow places between rafters, joist, etc. Shipping weight 12 ounces.....**$1.95**



ONLY **$10.95**

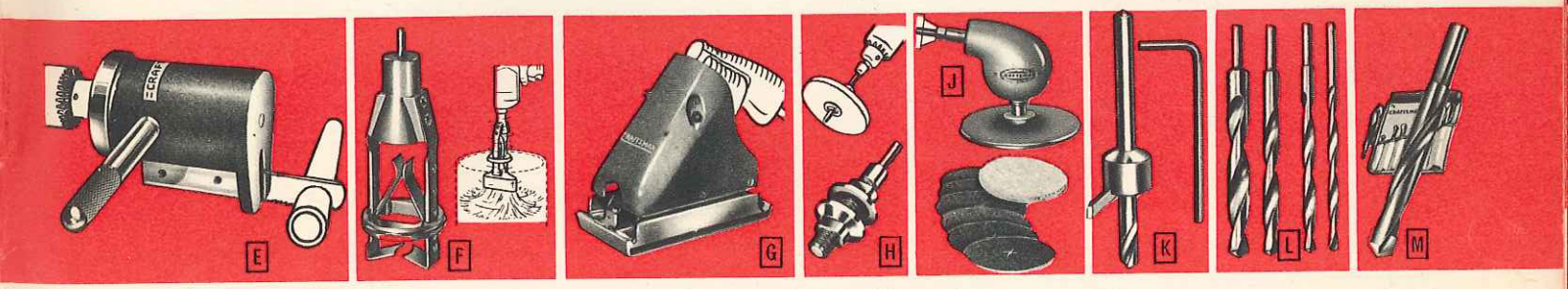
Use as electric Hand Saw

Converts to Bench Saw

Convert your Electric Drill to a Saw!

New! CRAFTSMAN Circular Saw Attachment. Makes your electric drill much more useful. For maximum efficiency use drills of at least the quality and power of our numbers 9A2577 and 9A2578. Will fit almost all electric drills with ¼-inch capacity or larger. Has self-lubricating bronze bearings; 4-inch blade. Has varied depth and angle adjustments.

9 A 2606—Shipping weight 2 pounds....**$10.95**
9 A 4910—4 inch saw blade for above. Shpg. wt. 8 oz.....**$1.19**



Accessories to make your Electric Drill much more useful

E **CRAFTSMAN Roto-Vert.** Converts ¼-in. electric drill into a portable power saw and filing machine. Uses standard hack saw blades and files. Has brass case with gray wrinkled finish. For use on electric drills with spindle speeds 1600 to 2500 RPM. Instructions. Length 3⅝ inches.

9 A 2590—Shpg. wt. 2 lbs.....**$9.95**

F **Spin-A-Brush Attachment.** Cleans paint brushes in 90 seconds. Fits ¼-in. electric drills or larger of 1600 RPM or less. Center brush in attachment, and soak 30 seconds in cleaner. Clamp die-cast cup, ring; steel arms; nickel finish. ¼-in. diameter steel shank.

9 A 2605—Shpg. wt. 1 lb.....**$2.19**

G **CRAFTSMAN Sander-Polisher.** Changes a ¼-in. drill into an efficient tool for sanding or polishing furniture, woodwork, walls or other flat surfaces. Cast aluminum housing and base plate. Sealed ball bearing on eccentric drive. 3½x7-in. oscillating pad. 6½ in. high. With wrench and instructions. (Fits ¼-in. drills like our 9A2577, 9A2578, 9A2570, and 9A2571.)

9 A 2603—Shpg. wt. 2 lbs. 8 oz.....**$9.95**

H **Arbor for Electric Drills.** Can be used for holding grinding wheels, wire wheels, buffing wheels, etc. Strongly made of carbon steel. ¼-in. shank; ½-in.x20-thread arbor. 1¼-in. flanges with nuts. Overall measurement 3½ inches long.

9 A 2594—Shipping weight 6 ounces...**65c**

J **CRAFTSMAN Angle-Drive Buffer-Sander-Polisher.** New 10 pc. set. Angle design avoids awkward wrist position. Never needs oil. Makes possible 2 speeds in addition to regular drill speed. Set includes angle head, speed adapter, polishing bonnet, flexible rubber sanding plates, 6 sanding discs.

9 A 2604—Shpg. wt. 2 lbs.....**$5.95**

K **Wood Boring Bit.** Designed for use in Electric Drills, Drill Presses, Flexible Shafts. Expansive bit adjustable from 1¼ to 2⅛ inches. ¼-in. shank. Made of rugged, long-life high-speed steel. Allen wrench included. Drills large diameter holes, quickly, easily.

9 A 2087—Shpg. wt. 4 oz.....**$1.98**

L **CRAFTSMAN 4-piece Wood Bit Set.** Precision ground; carbon steel. ¼-in. diameter. Round shank. Use in wood only in any electric drill. Sizes ¼, 5/16, ⅜, ½ in. Length 5 3/16 inches.

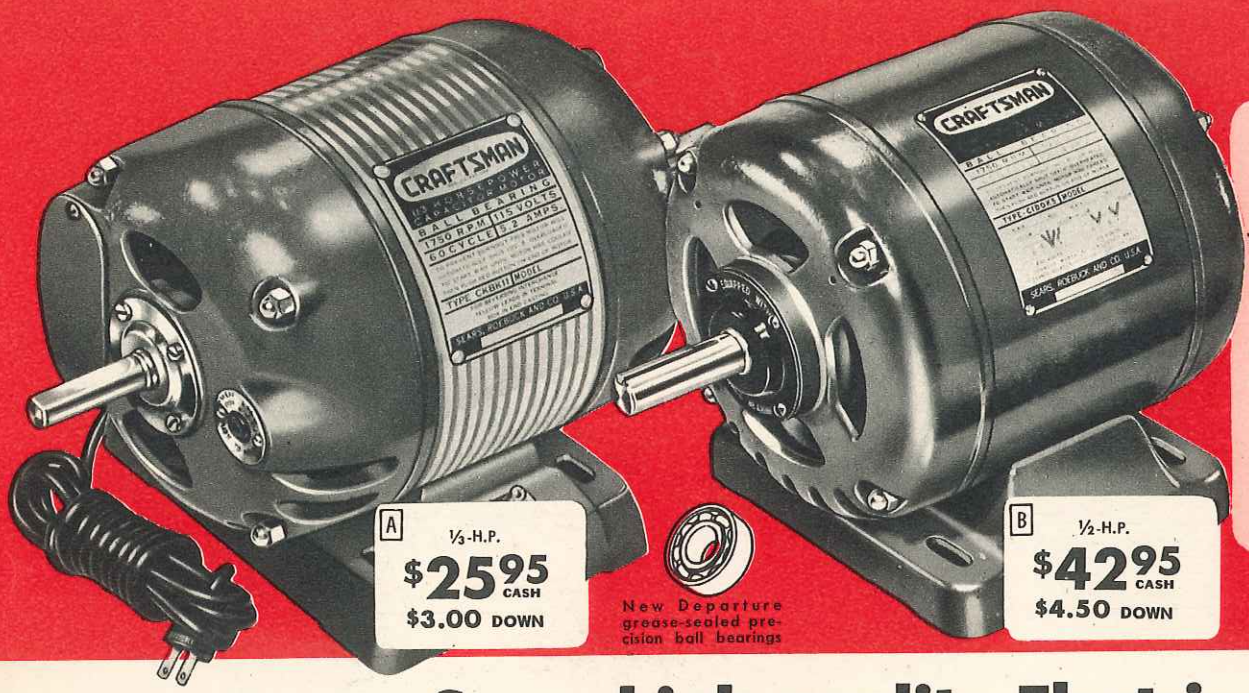
9 A 6721—Shpg. wt. 8 oz..4-pc. set **$1.98**

M **CRAFTSMAN Masonry Drills.** Carbide tips. Spiral flutes. Round shank. For stone, brick, concrete, etc.

9 A 6731—Set of 6; sizes below. In fabric case. Shpg. wt. 2 lbs.....**$12.50**

9 A 6730—**Individual drills; state size.**

Size, in.	¼	5/16	⅜	¼	⅝	¾
Shank, in.	3/16	¼	¼	⅜	½	½
Length, in.	4	4	4	6	6	6
Wt. oz.	4	4	6	8	10	12
Each	$1.49	1.69	1.79	2.15	2.65	3.29

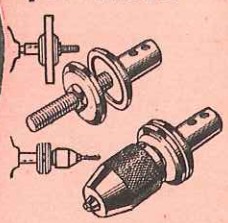


A ⅓-H.P. $25.95 CASH $3.00 DOWN

New Departure grease-sealed precision ball bearings

B ½-H.P. $42.95 CASH $4.50 DOWN

Get more use from your motor!



Use these arbors and chucks with your motor for buffs, polishing wheels, drills, etc. See index for listings.

Sears high quality Electric Motors

Nylon insulated! Resist heat and abrasion better!

1 Heavy 8-ft. cord and unbreakable plug.

2 Overload protector prevents motor burn-out.

3 Shaft extends on both ends . . . more useful.

4 Convenient on-off switch built into motor base.

CRAFTSMAN Capacitor Motors . . powerful!

A Efficient motors for shops, factories, etc., for driving tools or equipment. Note ALL features at left, included! Built-in condenser reduces starting current; motor starts loads about 50% heavier than split phase motors of same rating. New Departure grease-sealed precision ball bearings. Operates in any position; easily reversed. Specially designed fan and baffles keep all parts of motor cool. All are 110–120-volt, 60-cycle A.C., with ½-in. shafts, except 99A01981 has ⅝-in. keyway shaft. Mounting dimensions, 3¾x5-in.

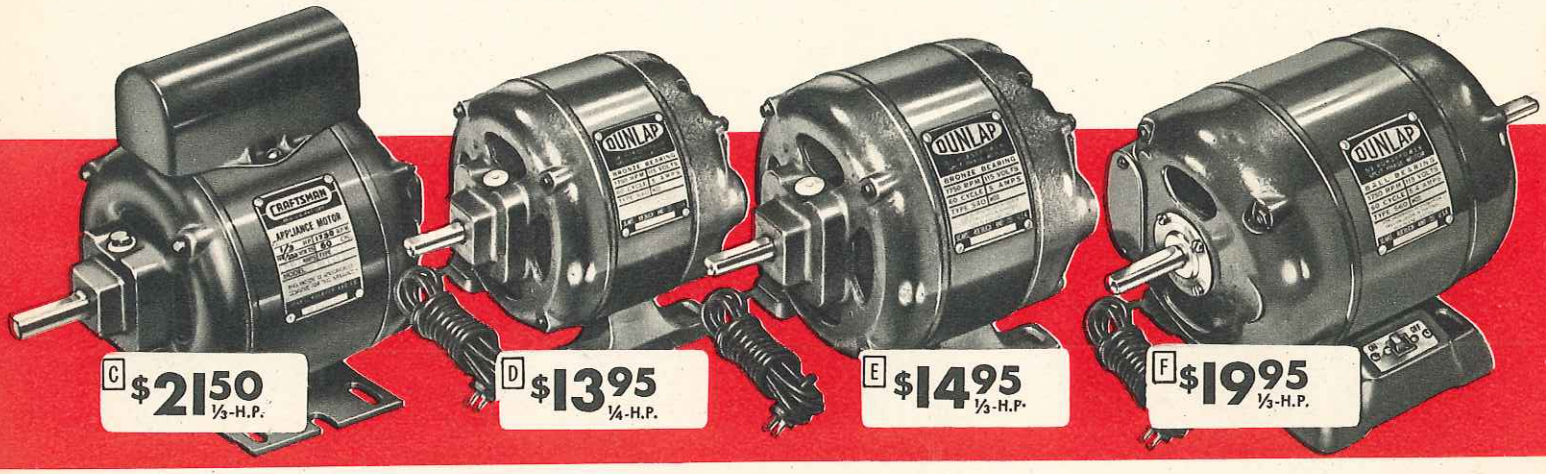
Catalog No.	H. P.	R. P. M.	Shipping wt.	Price
99A01977	⅓	1750	32 pounds	$25.95
99A01978	½	1750	35 pounds	28.00
99A01980	½	3450	31 pounds	31.50
99A01981	¾	3450	42 pounds	38.95

CRAFTSMAN Mill Type Motors

B Extra heavy duty for factories, farms, etc. Heavier windings; greater overload capacity. Condenser reduces starting current. New Departure grease-sealed precision ball bearings; use motor in any position. "Klixon" overload protector. ¾x2¼-in. keyway shaft. Mounting dimensions 5x5⅝-in. For 115–230-volt 60-cycle A.C. Easily reversed.

Catalog No.	H.P.	R.P.M.	Shipping wt.	Price
99A01985	½	1750	52 pounds	$42.95
99A01986	¾	1750	58 pounds	46.95
99A01987	1	1750	62 pounds	51.95

99 A 01906—1-H.P. 3450 R.P.M. Capacitor Motor. (Not shown.) Ball bearing; overload protector; ⅝-inch double shaft; on-off switch; 8-ft. cord with plug. 115–230-volt 60-cycle A.C. Mounting dimensions 5x5⅝-in. Shpg. wt. 50 lbs. **$49.95**



C $21.50 ⅓-H.P.

D $13.95 ¼-H.P.

E $14.95 ⅓-H.P.

F $19.95 ⅓-H.P.

CRAFTSMAN ⅓-H.P. Appliance Motor

C NEW! A ⅓-H.P., capacitor-type. appliance motor, *now* at less than the usual replacement price for a ¼-H.P. motor of the same type! A high starting torque appliance motor, designed for replacement purposes . . . ideal for stokers, oil burners, washing machines, ventilating fans, pumps and other appliances. Exceeds N.E.M.A. specifications for breakdown torque. Handles more than TWO times rated H.P. before stalling! Precision bronze sleeve bearings with spring oil caps. Top-mounted condenser reduces starting current; motor starts loads about 50% heavier than split phase motors of same rating. For use in horizontal position only; easily reversed. All parts guaranteed against defects in materials or workmanship for one year. Nylon insulated windings. Single-end ⅝-in. shaft extends 1⅝-in.; has both keyway and bevel. Stamped steel base. 1750 R.P.M., for 115–230-volt, 60-cycle, A.C. Mounting dimensions 3x5-in. Gray finish.

99 A 01976—⅓-H.P. Shpg. wt. 28 lbs. **$21.50**

DUNLAP Split Phase Motors

D E Super values! Not lightweight, but full size, full power. Rugged, well-made motors, designed for general use on easy-starting loads such as light power tools, small paint sprayers, etc. Excellent performance and trouble-free operation. All parts guaranteed against defects in material or workmanship. Exceed N.E.M.A. breakdown torques. Husky, diamond-bored precision bronze bearings for smooth operation and long life. Large oil chambers with spring oil caps lubricated for about 1000 hours operation. Motor should be used in horizontal position only. Easily reversed. Cast iron base gives motor solid mounting. ½-in. shaft extends 1½-in. on one end. 1750 R.P.M. For 110–120-volt, 60-cycle A.C. With 8-ft. cord; unbreakable plug. Mounting dimensions 3¾x5-in.

D 99 A 01974—¼-H.P. Shipping weight 23 pounds. **$13.95**

E 99 A 01966—⅓-H.P. Shipping weight 25 pounds. **$14.95**

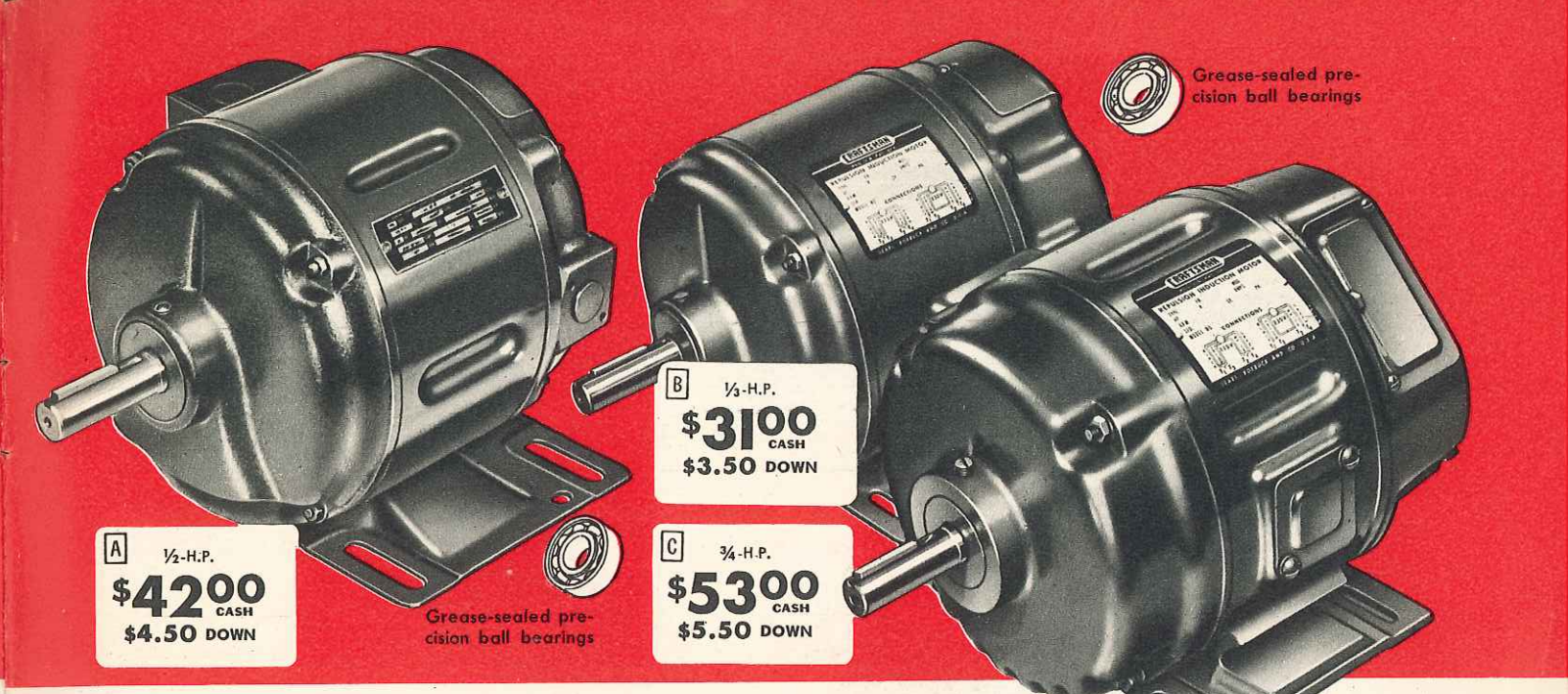
⅓-H.P. Split Phase Motor

F **DUNLAP DeLuxe.** Our finest split phase motor! Heavy duty! Super powered! Ideal for operating light power tools and compressors, ventilating fans, washing machines, etc. Note all these great features: double shaft, ball bearings, on-off switch, cord, and unbreakable plug. Exceeds N.E.M.A. specifications. Handles more than TWO times rated H.P. before stalling! Efficient, modern design. Deep end bells, large fan and baffled openings ventilate motor; assure cool operation. Massive cast iron base for solid mounting; handy on-off switch. Easily reversed. All parts guaranteed against defects in materials or workmanship for one year. New Departure grease-sealed precision ball bearings; motor operates in any position. ½-in. shaft extends 1½-in. **on both ends.** 1750 R.P.M. For 110–120-volt, 60-cycle A.C. Heavy 8-ft. cord; unbreakable plug. Mounting dimensions 3¾x5-in.

Precision Ball Bearings

99 A 01975—Shipping weight 26 pounds. **$19.95**

GUARANTEED! If any Sears motor shows defects in materials or workmanship, we will repair it without charge if returned in 1 year



3-Phase and R-I Type Motors

For heavy duty, day-in, day-out use on farms . . in shops and factories!

*3-Phase Ball Bearing Motors for 220-440-volt, 60-cycle A.C.

Catalog Number	H.P.	R.P.M.	Size Shaft Inch	Base Mounting Inches	Shpg. wt. Lbs.	Cash Price
(A) 99A01910	½	1725	¾	5 x5⅞	41	$42.00
99A01911	¾	1725	¾	5 x5⅞	61	52.00
99AM1912	1	1725	¾	5½x8	71	64.00
99AM1913	1½	1725	¾	6½x8	78	75.00
99AM1914	2	1725	1	6¾x9	106	85.00
99AM1915	3	1725	1	7½x9	115	95.00
99AM1916	5	1725	1⅛	8¼x10	148	115.00

* Most homes and farms have single phase current. 3-phase is usually used in factories. Check with your local power company before ordering.

Super-powered for tough jobs!

Specially designed for hard starting loads. Used in shops and factories for steady day-in day-out production work. Tremendous overload capacity for the tough jobs! Develop THREE to FIVE times rated H.P. while starting. Ideal for R.E.A. lines, farms and for low voltage lines and rigorous climatic conditions. Low amperage draw when starting.

Meet all A.I.E.E., N.E.M.A. and central station requirements. All have grease-sealed precision ball bearings . . . never need lubrication . . . run in any position. Large drip-proof air vents and powerful fan keep extra heavy windings cool. Designed not to exceed 40° temperature rise under normal operation. Easily reversed. Shafts have keyways. *Before ordering, check with your local power company on voltage, cycle, phase and capacity of your line.*

CRAFTSMAN 115-230-volt 60-cycle Single-Phase Repulsion-Induction

Catalog Number	H.P.	R.P.M.	Size Shaft Inch	Base Mounting Inches	Shpg. wt. Lbs.	Cash
(B) 99A01935	⅓	1725	⅝	3 x4⅞	35	$31.00
99A01936	½	1725	¾	5 x5⅞	41	42.00
(C) 99A01937	¾	1725	¾	5 x5⅞	61	53.00
99AM1938	1	1725	¾	5½x8	79	75.00
99AM1939	1	3450	¾	5 x5⅞	46	55.00
99AM1940	1½	1725	¾	6½x8	88	95.00
99AM1941	2	1725	1	6¾x9	144	128.00
99AM1942	2	3450	¾	6½x8	84	115.00
99AM1943	3	1725	1	7½x9	160	163.00
99AM1944	5	1725	1⅛	8¼x10	195	240.00

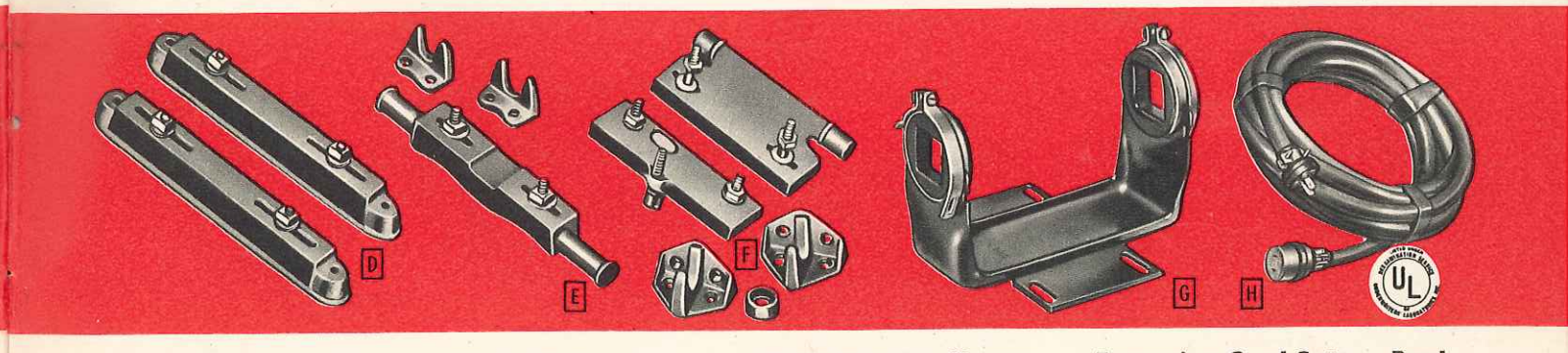
IMPORTANT! Buy the Right Motor! Too small a motor is poor economy. A larger motor of more powerful type will last years longer than one slightly too small.

Split Phase Motors—For easy-starting loads or where maximum load is applied at full motor speed; washing machines, ventilating fans, light power tools, etc.

Capacitor Motors—For medium-starting loads; heavier power tools, paint sprayers, refrigerators, stokers, shallow-well pumps (about 22-ft. or less), etc.

Mill-Type Capacitor Motors—For medium to hard-starting loads. Ideal for production equipment, compressors, heavy power tools, etc.

Repulsion-Induction and 3-Phase Motors—For hard-starting jobs; deep-well pumps, large compressors, heavy industrial tools and farm equipment, freezers, etc.



Convenient CRAFTSMAN Motor Rails

D **Adjustable Motor Rails.** For jobs where motor is not moved from tool to tool. Easy to adjust belts; loosen bolts holding motor to rail, slide motor for belt tension desired, tighten bolts. Caution: do not run V belts too tightly. Shipping weight 3 pounds.

9 A 2279—Per Pair.....**$1.55**

E **Floating Motor Rails.** Permits you to use one motor for several tools. Fasten clips near each tool, and shift motor with rail attached, from tool to tool. Keeps belt tension exactly as you want it.

9 A 2275—Floating motor rail and one pair clips. Shpg. wt. 1 lb. 13 oz.**$1.15**

9 A 2277—Pair of rail clips only. Shipping weight 7 ounces.....**39c**

F **Deluxe Floating Motor Rail.** For smooth, vibrationless motor operation. Has all the advantages of the regular type PLUS support for rear end of motor, rubber cushioning, and right angle clips. Clips allow motor to be mounted behind or under tool. Rear rail pivot support carries rear end of motor; pivot is adjustable. Fits nearly all fractional H.P. motors. Can be used with standard clips if desired.

9 A 2326—**Complete set.** Shipping weight 2 pounds...**$2.39**

9 A 2328—**Rail clips only.** Can handle idler drives on drill press at odd angles, etc. Shipping weight 10 oz.....Per Pair **79c**

Multi-Purpose Mounts

G Ideal for mounting motors on washing machines, stokers, ventilating fans, and for similar installations. Designed with a cradle-type base and rubber mounting; motor is snugly cushioned and vibration is minimized. Strongly constructed of long-life stamped steel. Easy to set up . . . you simply remove regular motor base and fasten mount to end bells of motor.

9 A 1968—Fits motor 99 A 01974 (listed on facing page). Shipping weight 2 pounds. Each.....**$1.19**

9 A 1969—Fits motor 99 A 01966 (as shown and listed on facing page), and all former models of 99 A 01974. Shipping weight 2 pounds. Each.....**$1.19**

Extension Cord Sets . . Reel

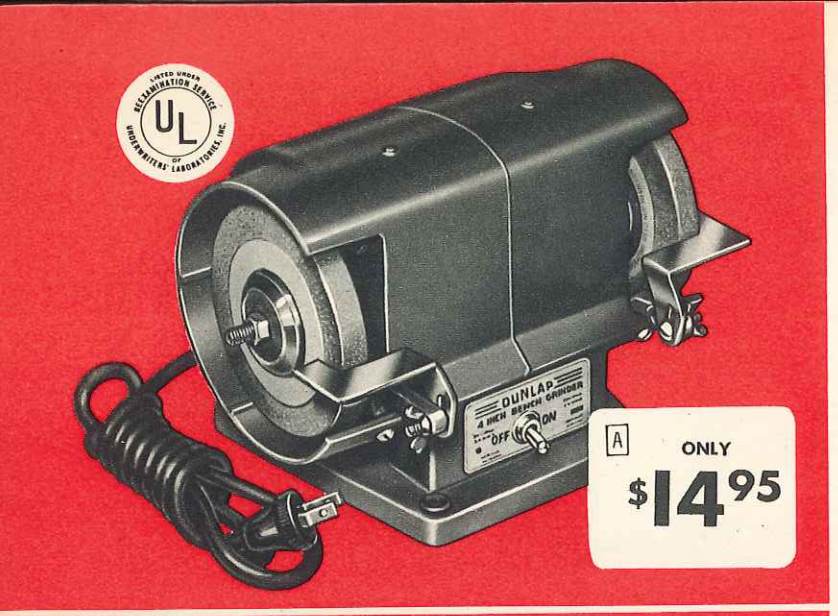
It's IMPORTANT to choose the RIGHT SIZE Extension Cord for your Power Tools! Using the proper size cord assures full voltage at your motor or portable tool . . lessens danger of motor burnouts from low voltage.

H **Extra Heavy Duty Cord, safe for motors and all Portable Electric Tools.** No. 10 gauge, 2-conductor wire, rubber covered. Type "SJ". Heavy duty unbreakable rubber plug and connector. Approved by Underwriters' Labs., Inc.
34 A 5884—25-ft. long. Wt. 4 lbs. 11 oz..**$7.50**

Like above, but No. 18 gauge for Light Tools only. Fine for ¼-horsepower motors, or less.
34 A 5826—25 ft. long. Wt. 1 lb. 5 oz....**$1.85**
34 A 5827—50 ft. long. Wt. 2 lbs. 8 oz.... **3.10**

Handy Metal Reel. (Not shown). Reel off as much cord as you need. Handles for turning.
34 A 5883—Reel only. Shpg. wt. 2 lbs.....**85c**

You can buy motors . . . motor accessories . . . or any other equipment in this book on Sears Easy Terms. See inside back cover



A ONLY $14.95

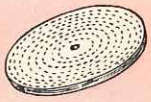
B $31.00 CASH
$3.50 DOWN

See pages 46 and 47 for these Accessories . .

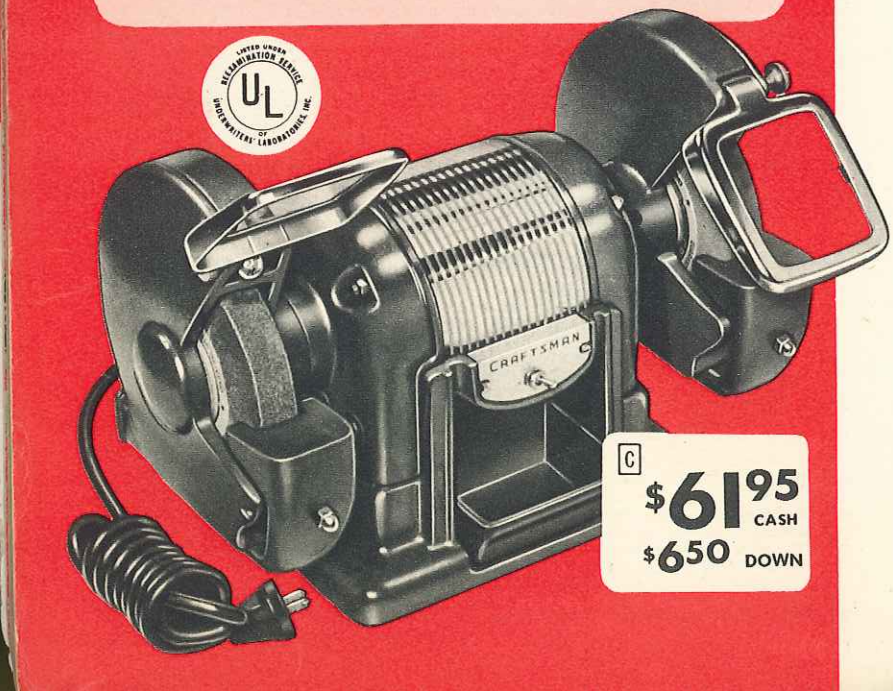
Wire wheels to remove rust and paint from metal

Tampico brushes to remove burrs and corners

Rubber polishing wheels for metals and plastics



Use spiral sewn buffs, compounds for high polish



C $61.95 CASH
$6.50 DOWN

DUNLAP 4-inch Grinder

REG. U. S. PAT. OFF.

Amazingly compact . . handy . . low priced

Approved by Underwriters' Laboratories, Inc.

Grinds . . . puts a keen edge on cutlery, edged garden tools, etc.

Does buffing, polishing with cloth buff or rubber wheel.

Cleans; removes rust and paint with a wire scratch wheel.

Grind across face of machine! Wheels extend beyond housing.

A **Guaranteed 1 year*.** You'd expect to pay much more for a handy, compact, rugged little utility grinder like this! Just what you need for grinding and sharpening knives and tools . . . buffing . . . polishing . . . cleaning . . . removing rust . . . even finishing metals and plastics with proper accessories! Use it anywhere . . . in the home, kitchen, farm, garage or shop.

Has features found in NO other grinder of this size and quality we know of, selling at anywhere near this low price! Equipped with two 4x½-inch vitrified aluminum oxide grinding wheels; one fine grit, and one coarse grit. Both wheels extend ½ inch beyond front of motor housing . . . allows grinding across face of machine. Distance between wheels 6¾ inches. Steel tool rests are adjustable and removable for buffing and polishing operations.

Self-aligning porous bronze bearings. Sturdy, rigid die-cast housing; rubber cushion feet. ⅜-inch shaft; ⅜x24-thread. Flanges hold ⅜, ½ and 1-inch arbor hole attachments. On-off switch in front of base.

Powerful built-in electric motor has 3500 no-load R.P.M. Single-phase, 110-120 volt 60-cycle A.C. Cooled by two fans. **Approved by Underwriters' Laboratories, Inc.** Comes complete with two grinding wheels; 6-foot cord and unbreakable plug. Over-all height 6¼ inches. Get yours today!

99 A 02608—Shipping weight 16 pounds..... **$14.95**

DUNLAP ¼-H. P. Grinder

REG. U. S. PAT. OFF.

For small shops, general maintenance work

B **Guaranteed 1 year*.** Here's the efficient, sturdy grinder you need in your small shop for most grinding jobs, and for general maintenance work. Look at the low price, and check all these quality features!

U.L. approved. **¼-H.P. DUNLAP split-phase motor has sensational Nylon-insulated windings** . . . stronger . . . greater resistance to heat and abrasion. No-load speed is 3450 R.P.M. On-off toggle switch conveniently located at front of grinder. Motor operates on 110-120 volts 60-cycle A.C. and is equipped with 8-foot rubber-covered cord, and unbreakable plug.

Sealed New Departure precision ball bearings . . . protected against dirt, dust, grindings and abrasive particles. You get dependable operation with a minimum of power loss due to friction. Strong ⅝-inch steel shaft; turned down to ½-inch at wheel ends. Durable cast iron frame for long-lasting strength and rigidity. Attractively finished in rust-resisting gray enamel. Rubber mounted for quiet operation.

Husky cast iron wheel guards. Shatterproof glass eye shields in adjustable steel frames . . . give protection from flying particles and sparks from grinding wheels. Removable tool rests help steady your work . . . assure greater accuracy . . . adjustable for wheel wear and proper grinding position.

Two 6x¾-inch fully vitrified CRAFTSMAN grinding wheels . . . one 36-grit wheel for coarse grinding, and one 70-grit wheel for finer grinding and finishing. Operate safely at rated speed of 3450 R.P.M. Clearance between wheels is 11 inches. Over-all dimensions (without eye shields and tool rests): height 8¾ inches; width 12½ inches; depth 8 inches.

99 A 02616—Shipping weight 42 pounds..... **$31.00**

CRAFTSMAN ⅓-H. P. Grinder

REG. U. S. PAT. OFF.

Heavy duty production type . . Our finest!

C **Guaranteed 1 year*.** Incorporates the latest and best in grinder design! Excellent for heavy-duty grinding and sharpening in any type of shop.

Combines strength, beauty, utility! Heavy, rigid cast iron frame; rubber mounted to absorb vibration. Handsome CRAFTSMAN gray finish; contrasting chromium trim. Two 10-watt work lamps; one built into each wheel guard; rubber mounted; easily replaced. Convenient, removable, built-in bright red plastic water pan . . . to cool work; and prevent drawing temper of tools.

U.L. approved (commercial standards). **Ample overload capacity** to meet unusual power demands without burning out motor. CRAFTSMAN ⅓-H.P. condenser-start, induction-run type capacitor motor has sensational Nylon-insulated windings . . . stronger . . . give more resistance to heat and abrasion. Balanced for vibration-free operation at 3450 R.P.M. Operates on 110-120 volt 60-cycle A.C. Convenient on-off switch at front of grinder. 8-foot rubber-covered cord, with unbreakable plug.

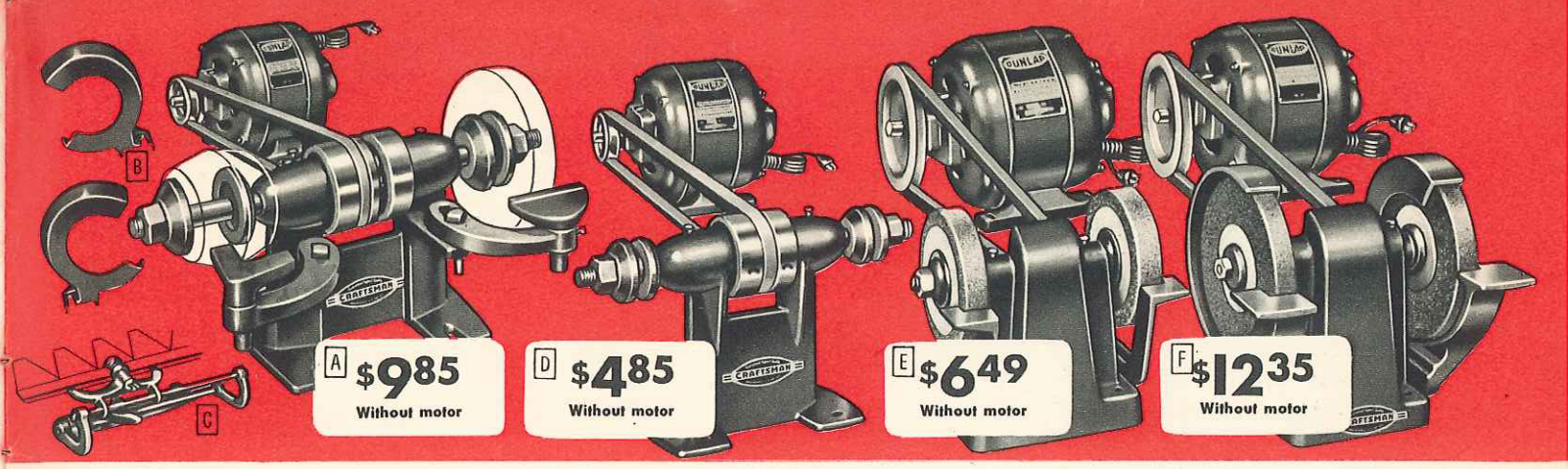
New Departure precision ball bearings assure minimum friction and wear . . . sealed against dirt, dust and grit. Extra-strong steel shaft has ¾-inch diameter, turned down to ½-inch at each wheel end.

For safety, each grinding wheel is enclosed by a cast iron wheel guard; rear dust chutes. Adjustable, shatterproof glass eye shields mounted in chromium plated frames. Ground cast iron tool rests are adjustable.

Two 7x1-inch CRAFTSMAN industrial quality vitrified aluminum oxide grinding wheels . . . one 36-grit for coarse grinding, and one 70-grit for fine grinding. Thirteen-inch clearance between wheels. Operate safely at rated speed of 3450 R.P.M. Over-all dimensions (without eye shields and tool rests): height 12 inches; width 17 inches; depth 8¾ inches.

99 AM 2618—Shipping weight 99 pounds..... **$61.95**

*** *GUARANTEED 1 YEAR*—If any Sears electric grinder shows defects in materials or workmanship we will repair it without charge if returned within one year from date of purchase.**



No shop is complete without a Grinder!

CRAFTSMAN heavy duty Grinder

A Porous bronze bearings; oil well around each insures smoother running. Drive from rear or below. 15½x⅞-in. spindle; ¾-in. at ends; takes up to 8x1¼-in. wheels with ¾-in. arbor holes. 2 combination pulleys for flat or V-belts. Idling pulley locks for double V-drive. Adjustable tool rests. Gray enameled.

99 A 06629—Grinder head only. Without motor, motor pulley, V-belt or grinding wheels. Shipping weight 24 lbs. **$9.85**

99 AT 6725—Grinder head with DUNLAP ¼-H.P. 1750 R.P.M. split phase 110–120 volt 60-cycle A.C. motor; 4-in. motor pulley; and ½x36-in. V-belt. Shipping weight 47 lbs. . **$26.50**

B **9 A 6421—Guards.** For 99A06629. 8-in. capacity. Shpg. wt. 7 lbs. 8 oz. . Pair **$2.60**

C **9 A 6420—Sickle Bar Holder.** For 99A06629. To hold mower knives rigidly while sharpening. Shipping weight 4 lbs. **$2.95**

General purpose Grinder

D Low priced. 11¾-in. spindle; ⅝-in. at ends. Porous bronze bearings; oil well around each. Drive from rear or below. Holds wheels up to 8x1-in. 2-in. flat and single V-pulley. Gray enameled.

9 A 6616—Grinder head only. Without motor, motor pulley, V-belt or grinding wheels. Shipping wt. 9 lbs. **$4.85**

99 AT 6723—With DUNLAP ¼-H.P. 1750 R.P.M. split phase 110–120 volt 60-cycle A.C. motor; 4-in. motor pulley; and ½x36-in. V-belt. Shpg. wt. 34 lbs. . **$21.70**

99 A 06619—Same as 9A6616 above, but with two vitrified 6x1-in. grinding wheels. Shipping weight 17 lbs. **$8.15**

99 AT 6724—Same as 99A06619, but with DUNLAP ¼-H.P. 1750 R.P.M. split phase 110–120 volt 60-cycle A.C. motor; 4-in. motor pulley; V-belt. Shpg. wt. 42 lbs. . **$24.95**

4-inch Grinder

E **Low priced.** Cast iron frame; gray enameled. 8x ⅝-in. spindle; ½-in. at ends; 20-thread. Spring cap oil cups. Adjustable tool rests. Drive from rear or below. With two 4x¾-in. grinding wheels (fine and medium grits). 2-in. V-type pulley for ⅜-in. belt.

9 A 6628—Grinding head and wheels only. Without motor, motor pulley or V-belt. Shipping weight 8 lbs. . . . **$6.49**

99 AT 6653—Grinding head with ¼-H.P. 1750 R.P.M. split phase motor for 110–120 volt 60-cycle A.C.; 5-in. motor pulley; ⅜x34-in. V-belt. Shipping wt. 32 lbs. **$23.50**

CRAFTSMAN 6-inch Grinder

F **Heavy duty.** Wide clearance between wheel centers. 9⅜x⅝-in. spindle; ½-in. at ends; 20-thread. Extra-long porous bronze bearings; oil well around each. Spring cap oil cups. Adjustable guards, tool rests. Shielded 2-step V-drive pulley for ⅜-in. V-belt. Gray enameled. Takes standard accessories; drive from rear or below. With two 6x¾-in. vitrified grinding wheels (fine and medium grits).

99 A 06614—Grinding head and wheels only. Without motor, motor pulley, V-belt. Shpg. wt. 19 lbs. . . . **$12.35**

99 AT 6655—Grinding head with DUNLAP ¼-H.P. 1750 R.P.M. split-phase 110–120 volt 60-cycle A.C. motor; 5-in. motor pulley; V-belt. Shpg. wt. 43 lbs. **$28.75**

CRAFTSMAN Grinding Wheels

Finest quality! Perfectly balanced! Aluminum oxide abrasive. **Meet U. S. Navy Specifications 40W1f.** Precision ground, BOTH sides and face! Bonded and vitrified in an electrically-controlled furnace for over 150 hours. Lead bushed to 1-in. arbor. (*) Bushings furnished for shafts ¼, 5/16, ⅜, ½, ⅝, and ⅞-in. diameter. *Please state shaft diameter wanted.*

HOW TO ORDER: Please be sure to give: (1) catalog number; (2) diameter of wheel; (3) thickness of wheel; (4) shaft diameter.

SAFETY INFORMATION—(1) Use concave flanges as large or larger than recommended in table below. (2) Use guard and shatter-proof glass shield. (3) Don't exceed R.P.M. shown in table below. (4) Wear safety goggles (see page 43 of this catalog).

Diameter wheel, inches	3	4	5	6	7	8
Diameter flange, inches	1¾	1¾	1¾	2	2½	3
R.P.M.	8276	6207	4966	4138	3547	3103

Select the correct grit for your job:

FINE . . . for knives, keen-edged tools, finish grinding and polishing.

MEDIUM FINE . . . for chisels, axes, woodcutting tools, or preparing surfaces for finishing.

MEDIUM COARSE . . . for machine shop use, or fast removal of stock.

Diameter and thickness	Bore* inches	Shpg. wt., lbs.	9 A 6412 Fine	9 A 6411 Medium fine	9 A 6415 Medium coarse
3x ½ in.	1	1	45c	45c	
3x ¾ in.	1	1	49c	49c	
4x ½ in.	1	1	69c	69c	
4x ¾ in.	1	2	79c	79c	
4x1 in.	1	2	95c	95c	
5x ¾ in.	1	3	$1.19	$1.19	
5x1 in.	1	3	1.45	1.45	
6x ½ in.	1	3	1.29	1.29	
6x ¾ in.	1	3	1.39	1.39	
6x1 in.	1	4	1.69	1.69	
6x1¼ in.	1	4			$1.89
7x ¾ in.	1	4		1.75	
7x1 in.	1	5	1.98	1.98	1.98
7x1¼ in.	1	6			2.35
8x1 in.	1	6		2.45	2.45
8x1¼ in.	1	7	2.85	2.85	2.85
8x1½ in.	1	9	3.29	3.29	3.29

CRAFTSMAN Wet Grindstone

$14.50
Without motor or bench

G **Extra heavy duty.** Highest quality natural Ohio grindstone; 10-in. diameter, 1½-in. face. Built-in jackshaft. Heavy cast iron body; cast iron bearings. Adjustable 3-in. tool rest. Hinged splash guard. Drain plug. With 4½-in. drive pulley. Use 1½-in. motor pulley with 1750 R.P.M. motor. Gray enameled. Bench not included. (We recommend 99A02140 bench, with 2 extra 9A2016 cross slide-rails; see page 9 of this catalog.)

99 A 06620—Without motor, motor pulley, V-belt or bench. Shpg. wt. 32 lbs. **$14.50**

99 AT 6727—With DUNLAP ¼-H.P. 1750 R.P.M. split phase bronze-bearing 110–120 volt 60-cycle A.C. motor; 1½-in. motor pulley; and ½x42-in. V-belt. Shpg. wt. 55 lbs. **$30.50**

9 A 6621—Replacement Stone for above. Shipping weight 13 pounds. **$4.50**

Polishing Heads

H **Low-priced Polishing Head.** Well balanced. Sharpens tools, grinds, polishes, drills, etc., when used with proper accessories. 7 1/16 in. high. Spindle 7x½-in.; 20-thread. Stamped steel collars. Can be driven from rear, above or below. 2-in. V-pulley.

9 A 6615—Shpg. wt. 3 lbs. 7 oz. **$2.79**

J **CRAFTSMAN general purpose Polishing Head.** Cast iron frame; enameled gray. Spindle threaded ½-in.x20-thread. Porous bronze bearings; oil well around each. Spring cap oil cups. Height 7½-in. Machined steel flanges. Takes standard accessories; drive from rear or below. 2-in. pulley for V-belt.

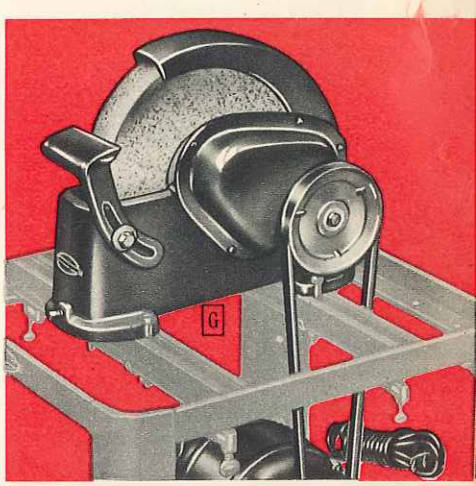
9 A 6627—Head only. Without motor, motor pulley or V-belt. Shpg. wt. 6 lbs. **$4.29**

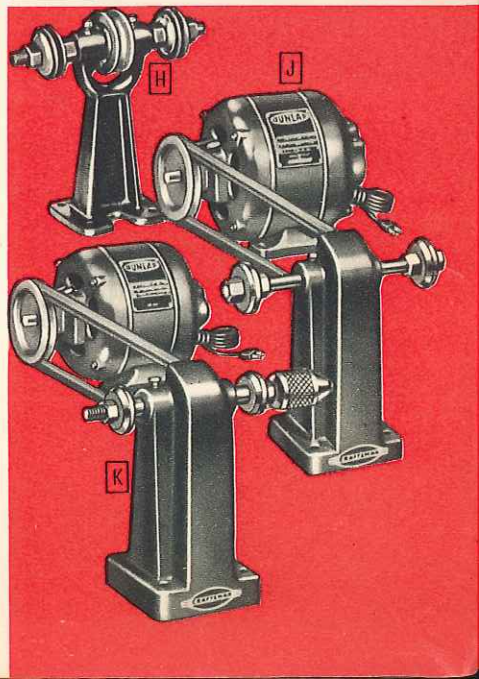
99 AT 6657—With DUNLAP ¼-H.P. 1750 R.P.M. split phase, 110–120 volt 60-cycle A.C. motor; 4-in. motor pulley; ⅜x34-in. V-belt. Shipping weight 30 lbs. **$21.00**

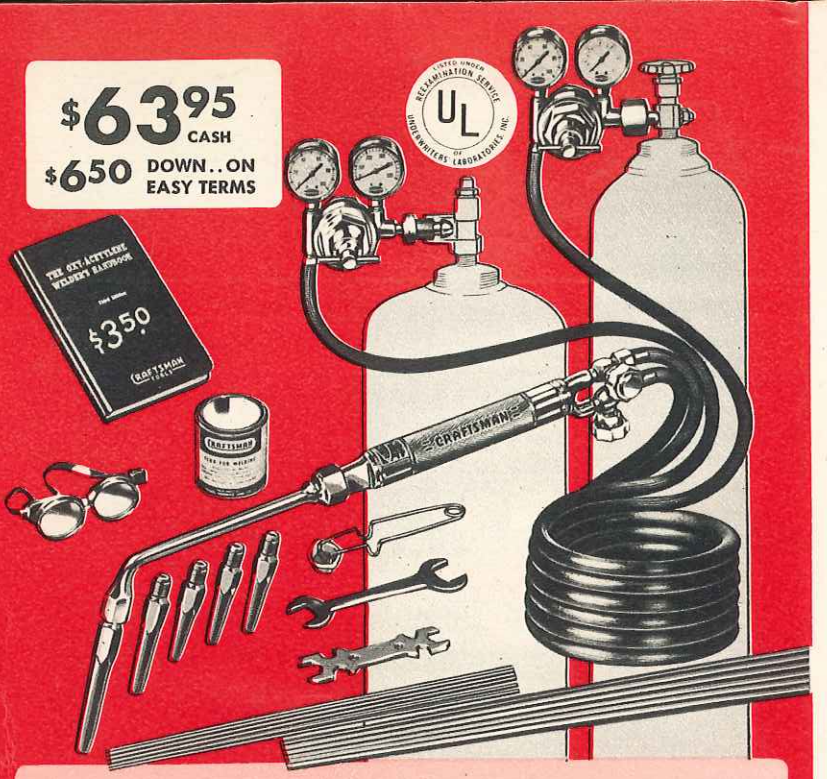
K **CRAFTSMAN heavy duty Polishing Head.** Heavy cast iron frame; gray enameled. Height 9 1/16-in. Drive from rear or below. Takes standard accessories. 2-inch V-type pulley for ⅜ or ½-in. V-belt. 9½x⅝-in. spindle; ½-in. at ends; 20-thread. Porous bronze bearings; oil well around each. Spring cap oil cups. 3-jaw, screw-on type chuck; ⅜ in. capacity. Machined steel collars.

9 A 6647—Head only. Without motor, motor pulley or V-belt. Shpg. wt. 9 lbs. 4 oz. . **$6.98**

99 AT 6658—With DUNLAP ¼-H.P. 1750 R.P.M. split phase 110–120 volt 60-cycle A.C. motor; 4-in. motor pulley; ⅜x34-in. V-belt. Shipping weight 33 lbs. **$23.70**







Exclusive! Only the CRAFTSMAN Welder

REG. U. S. PAT. OFF.

has balanced pressure non-flash mixer beyond torch head . . safer!

- Tested and approved by Underwriters' Laboratories, Inc.
- Approved by Associated Factory Mutual Insurance Companies
- Tested and approved by Sears own testing laboratories
- Every part individually tested at factory before shipment
- All parts ground and hand fitted to eliminate leaks
- Regulators have patented safety pressure relief devices
- All parts are made of solid brass or bronze

Farmers! Factories and industrial shops! Garages, repair and welding shops! Scrap-yard operators! Maintenance men! Just what you've been looking for . . a super quality oxy-acetylene welding outfit at a price you can afford. Pays for itself many times over.

Farmers—welding is easy! With this unit and the Welders' Handbook (included) plus only a little practice, you'll be able to do your own welding. Readily portable . . use it anywhere, even where electricity is not available. Make field repairs . . no need to bring work to shop.

Extra heavy duty construction . . . has exclusive features found in no other welder! Balanced pressure non-flash mixer is beyond head of torch and outside of torch handle for maximum safety. Regulators have patented safety pressure relief devices. Tips are one-piece SWAGED solid drawn copper; superior to ordinary tips; will not backfire! 17¼-inch long-life bronze non-flash torch; use with right or left hand; can be turned off without disturbing setting at regulators. 6-inch gooseneck is bronze forging—will not bend. Forged bronze-bodied regulators; with off-on feature, have two pressure gauges with brass cases—0 to 80 and 0 to 3,000-pound oxygen regulator; 0 to 80 and 0 to 500 pound on acetylene regulator. See chart at left for convincing proof that Craftsman welders give you more for your money.

Also included with this unit: Five wide-range tips (sizes AA-1, AA-2, AA-3, AA-4, and AA-5); two 12½-foot lengths of ¼ inch high pressure hose (tested to 800 pounds per square inch); assorted welding rods; flux; lighter; two wrenches; 50 mm. welders' goggles; 258-page Welders' Handbook. (Unit may be used as cutting torch with 9 A 5444 attachment—not included in unit; please see below.)

99 A 05442—Complete Unit, as above. Shipping weight 25 lbs. **$63.95**

9 A 5410—Flux only. Can be used for all kinds of acetylene welding. Shipping weight 1 pound 8 ounces. . . . . 1 pound can **70c**

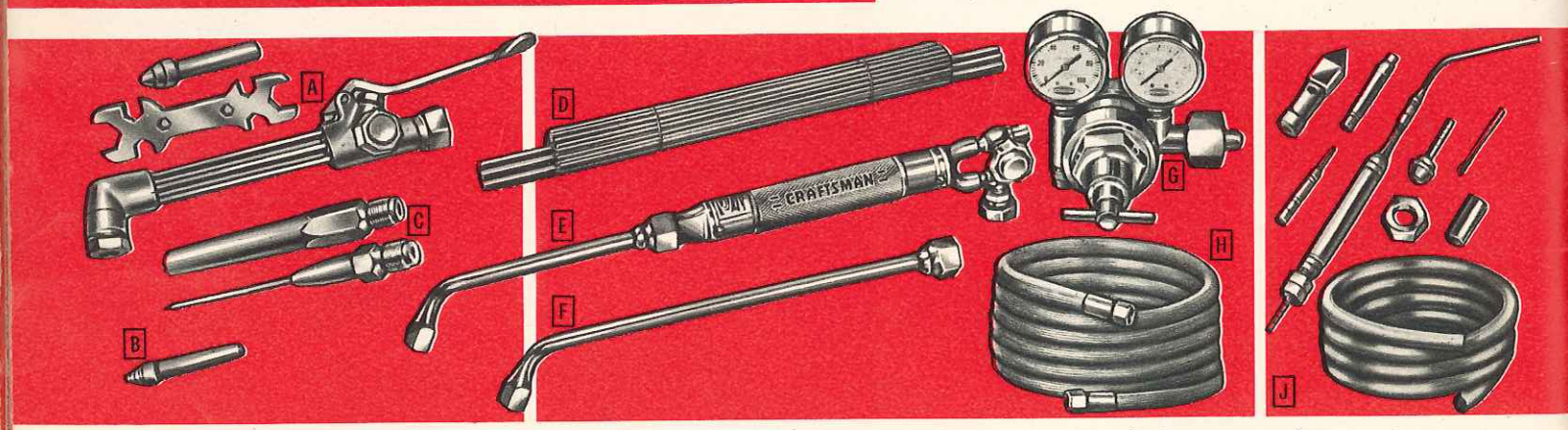
9 A 5411—258 page Welders' Handbook. Shipping weight 1 lb. . . . **$3.75**

Here's PROOF that CRAFTSMAN *Welders give you more for your money!*

REG. U. S. PAT. OFF.

Chart below shows some of the important features of the CRAFTSMAN Welder, compared with 4 other leading brands. Check them yourself! See why CRAFTSMAN has become standard equipment in so many welding shops throughout America!

FEATURE	CRAFTSMAN	Brand A	Brand B	Brand C	Brand D
Is mixing chamber located outside of torch handle for maximum safety?	YES	NO	YES	NO	NO
Are all parts of torch in contact with gases made of brass, bronze, monel or other non-ferrous metals?	YES	NO	NO	NO	NO
Do regulators have fool-proof safety diaphragm shearing mechanisms to prevent dangerous pressure on reduced pressure side of regulator?	YES	NO	YES	NO	NO
Are regulators designed so that gas pressure shuts itself off without depending on springs?	YES	NO	YES	NO	NO
Does oxygen regulator have heat-absorbing nozzle to insure against ignition of worn or damaged seat?	YES	NO	NO	NO	NO



CRAFTSMAN Oxy-Acetylene Welding Attachments and Accessories

REG. U. S. PAT. OFF.

A CRAFTSMAN Cutting Attachment. Approved by Underwriters' Laboratories, Inc. Use with welders' outfit 99A05442 above. Replaces mixing attachment. Use in place of mixer. With one B-3 tip, wrench, instructions.
9 A 5444—Shpg. wt. 2 lbs. 12 oz. **$15.95**

B CRAFTSMAN Cutting Tips. For use with 9A5444 cutting attachment listed above.
9 A 5447—State size wanted . . . . . Each **$2.35**

Size	Cuts Steel	Shpg. wt.
B-1	Up to ⅛ inch	6 oz.
B-2	⅛ to ½ inch	6 oz.
B-3	½ to 1½ inches	6 oz.
B-4	1½ to 4 inches	6 oz.
B-5	4 to 6 inches	6 oz.

C CRAFTSMAN Welding Tips. Heavy, one-piece solid drawn copper. Polished finish. Use with 99A05442 listed above, or with 9A5429 listed at right. Shipping weight each 4 oz.
9 A 5441—State size wanted . . . . . Each **$1.45**

Size	Capacity, In.	Size	Capacity, In.
AA-0	Soldering	AA-5	⅜ to 9/16
AA-1	1/64 to 1/16	AA-6	½ to ¾
AA-2	3/64 to ⅛	AA-7	⅝ to 1
AA-3	⅛ to 3/16	AA-8	1 in. up
AA-4	3/16 to ⅜		

D Assorted Welding Rods. A complete selection that permits you to do oxy-acetylene welding of bronze, cast iron, aluminum, mild steel. Includes 91 rods as follows: four ⅛x18-inch and four 3/16x18-inch Tobin bronze rods; thirty 3/32x18-inch, twenty-two ⅛x18-inch, twelve 3/16x18-inch and eight ¼x18-inch mild steel rods; four 3/16x18-inch drawn aluminum rods; seven ¼x24-inch cast iron rods. Shpg. wt. 12 lbs.
9 A 5440 . . . . . **$5.25**

E Welding Torch. Approved by Underwriters' Laboratories, Inc. High quality bronze non-flashback torch with 6-inch gooseneck mixer; 17¼ inches long over-all. Gooseneck is solid bronze drop forging . . . will not bend. Will cut steel with 9A5444 cutting attachment listed at left.
9 A 5429—Shpg. wt. 3 lbs. **$15.95**

F 12-inch Mixing Chamber. Solid drop forged bronze construction. Gooseneck type. Necessary when using 9A5441 welding tips, sizes AA-6, AA-7 or AA-8 listed at left.
9 A 5443—Shpg. wt. 13 oz. **$6.25**

G Oxygen Regulator. Approved by Underwriters' Labs., Inc. 0 to 80 and 0 to 3000-lb. gauges; brass cases. Guaranteed accurate.
99 AM 5430—Shipped express only. Shpg. wt. 6 lbs. **$16.95**

High-pressure Oxygen Regulator. Approved by Underwriters' Laboratories, Inc. Use to cut metal thicker than 3 in. With 0 to 300 and 0 to 3,000-lb. gauges. Delivery pressure adjustable from 0 to 150 lbs. Shipped express from factory in Chicago; you pay shipping charges from there on delivery.
99 AM 5448F—Shipping weight 6 pounds **$16.95**

Acetylene Regulator. Approved by Underwriters' Laboratories, Inc. 0 to 80 and 0 to 500-pound gauges. Brass cases. Guaranteed accurate.
99 AM 5431—Shipped express only. Shpg. wt. 6 lbs. **$15.75**
9 A 5413—Adapter for Airco, Commercial or Searchlight tanks. Shipping weight 5 ounces **$1.50**
9 A 5414—Adapter for Presto-O-Lite auto lighting tanks. Shpg. wt. 5 oz. $1.50

H ¼-inch Green Oxygen Hose. With connections. **State length wanted.**
9 A 5437—12½ feet. Shipping weight 1 lb. 12 oz. **$2.15**
25 feet. Shipping weight 4 lbs. 9 oz. $3.50

¼-inch Red Acetylene Hose. With connections. **State length wanted.**
9 A 5438—12½ feet. Shipping weight 1 lb. 12 oz. **$2.15**
25 feet. Shipping weight 4 lbs. 9 oz. $3.50

J CRAFTSMAN Heating-Brazing Set. Use with Prest-O-Lite cylinders to solder, braze, burn paint, etc. Operates on acetylene only. Requires pressure up to 4 lbs. for largest tip. Not to be used in connection with oxygen or air pressure. Includes: handle; three heating tips; soldering copper; paint burning tip; tank connection; tip cleaner; 5 ft. rubber hose, and simple instructions for using. Complete—there are no extras to buy.
9 A 5446—Shipping weight 2 pounds **$6.95**

CRAFTSMAN REG. U.S. PAT. OFF. Industrial

A. C. Electric Arc Welders

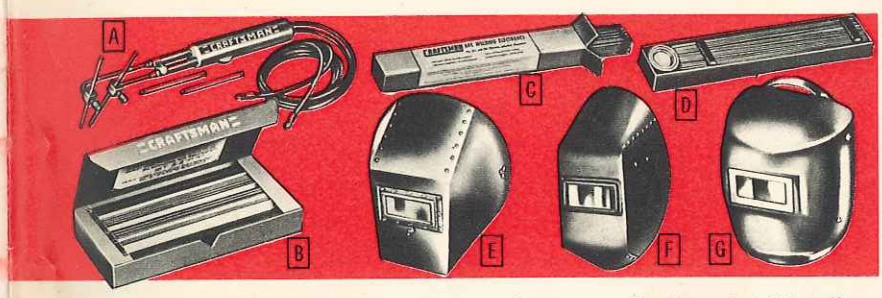
- CRAFTSMAN arc welders are tested and approved by Underwriters' Laboratories, Inc.
- Coils are thoroughly insulated with spun glass, dipped in varnish, then baked.
- Metal panels, cabinets are fire, dirt, dustproof. Built-in reactance maintains steady arc.
- Has high power factor transformer for greater efficiency, reduced current consumption.
- Range of current outlets allow cutting, brazing, soldering, welding any thickness of metal.

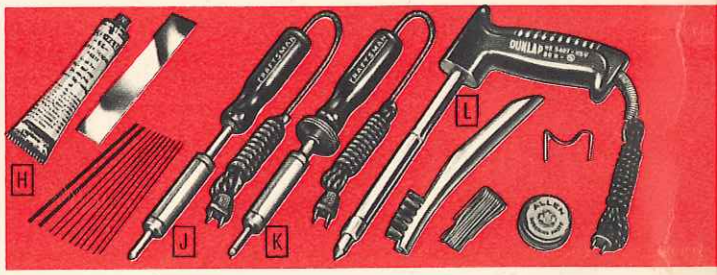
Maximum heat at arc with minimum current consumption! Natural draft cooling . . . no fans. Approved code-type on-off switches. Sturdy steel feet in front; large wheels in rear. Stub wire leads for A.C. connection. With 5 lbs. assorted welding electrodes, wire brush, carbon electrode, electrode holder, two 15-ft. cables, welding helmet, and illustrated manual (9A2025 at bottom of page). For use on single phase, 220-230 volt, 60-cycle A.C. only. **Be sure to check voltage, cycle, phase, and capacity of your power line.**

SPECIFICATIONS:

- Maximum amperes actual welding current delivered ..... 200 amperes
- Welding heats available (actual welding current) ..... Eighteen; 20 to 200 amps.
- Maximum rod size ..... 3/16 inch
- Type of service ..... Continuous
- Current supply required ..... Single phase 220-230 volt 60 cycle A.C.
- Maximum open circuit secondary volts ..... 94 volts
- Maximum line draw ..... 48.5 amperes
- Maximum kilowatts ..... 6.2 kilowatts
- Maximum kilo-volt-amperes 10.7
- Cabinet dimensions, Height ..... 33 inches
  Width ..... 20 inches
  Depth ..... 21 inches

99 AM 2012—200 amp. capacity. Shipping weight 270 pounds **$190.00**





Twin Carbon Torch . . Electrodes

A **CRAFTSMAN Twin Carbon Torch.** Industrial type. For brazing, soldering, heating, etc., on A.C. arc welders. Balanced. 15¾ in. long. With cables, carbons, instructions.
9 A 2007—Shipping weight 4 pounds 6 ounces **$14.95**

Cored Carbons. For twin carbon torches.
9 A 2020—¼x6 in. Shipping weight 2 ounces ..... Each **11c**
9 A 2021—5/16x6 in. Shipping weight 2 ounces ..... Each **13c**
9 A 2022—⅜x6 in. Shipping weight 3 ounces ..... Each **16c**

B **20-lb. Electrode Assortment.** About 380 assorted rods for use with A.C. or D.C. welders (D.C. reverse polarity). Includes rods for mild steel and cast iron welding or hard surfacing.
99 A 02024—Shpg. wt. 22 lbs. **$7.95**

C **CRAFTSMAN Welding Electrode.** Flux-coated for use on all A.C. or D.C. (D.C. reverse polarity) welders.

Pkg.	Shpg. wt.	1/16-in.	3/32-in.	⅛-in.	5/32-in.	3/16-in.
9 A 2003—For use on mild steel. State size wanted.						
2 lbs.	2 lbs. 2 oz.	$3.98	....	....	....	....
5 lbs.	5 lbs. 12 oz.	....	$3.49	$1.69	$1.45	$1.45
25 lbs.	29 lbs.	....	10.50	7.95	6.75	6.75
9 A 2055—For use on cast iron. State size wanted.						
5 lbs.	5 lbs. 12 oz.	....	$2.29	$1.79	$1.55	$1.55
25 lbs.	29 lbs.	....	10.95	8.50	7.25	7.25
9 A 2004—For hard surfacing use. State size wanted.						
5 lbs.	5 lbs. 12 oz.	....	....	$3.49	$3.39	$3.39
25 lbs.	29 lbs.	....	....	16.50	16.50	16.50

D 9 A 2002—**Brazing Rod Kit.** 2 pounds 18-in.x⅛-in. bronze rods. 5-oz. flux. Shpg. wt. 2 lbs. 4 oz. **$3.98**

Industrial Welding Helmets

E **Fabricated fiber construction.** Friction joint makes helmet readily adjustable; in "on" or "off" position. With clear cover glass and No. 10 filter, both 2x4⅛ in.
9 A 1326—Shpg. wt. 2 lbs. 2 oz. **$3.95**

Extra Filter Lenses and Cover Glass. Size 2x4⅛ in. Fit almost all helmets. Shipping weight each 5 ounces.
9 A 1327—No. 10 shade Filter Lens. For 75 to 250 amp. **65c**
9 A 1328—No. 12 shade Filter Lens. For 250 amp. or over **65c**
9 A 1329—Clear Cover Glass **6c**

F **Fabricated fiber construction.** Automatic spring snap "off-on" positions. Adjustable headband. No metal touches head. Glass holder is removable. 2x4⅛-inch clear cover glass provided.
9 A 1323—Shpg. wt. 2 lbs. 6 oz. **$6.25**

G **One-piece seamless vulcanized fiber construction.** *Our finest!* Shaped to fit head contour. Adjustable fiber headband. No metal touches head. Friction joint adjustable from outside; secure in "on" and "off" positions. 2x4⅛-in. glass; Bakelite holder. Without filter lens.
9 A 1324—Shpg. wt. 2 lbs. 9 oz. **$8.65**

Soldering Kit . . Soldering Irons

H **Silver Soldering Kit.** Makes joints stronger than the metal itself. Assures unbreakable, leakproof joints. Use with Bunsen burner, acetylene torch or blow torch. Requires heat of 1145° F. Includes 3-ounce tube of flux, twelve 5-inch lengths of assorted silver solder wire and strip, and instructions. Shipping weight 8 oz.
9 A 8077 ..... **$1.45**

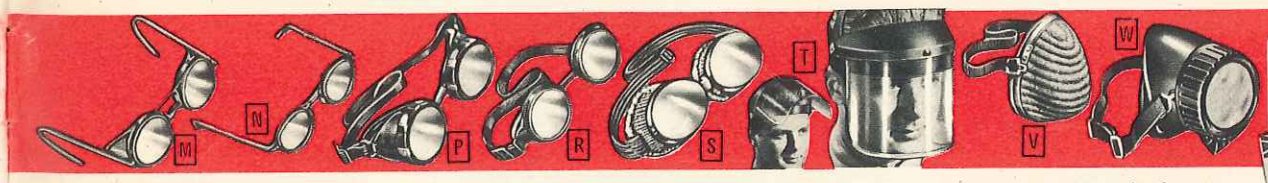
CRAFTSMAN Electric Soldering Irons. Approved by Underwriters' Laboratories, Inc. Heat is quickly concentrated at point of copper tip by nickel-chrome element wound on Allegheny steel core. Has smooth hardwood handles; insulated cord with plug. For use on any 110-120 volt current.

J **CRAFTSMAN. 100-watt.** For radio or electrical work. Has 2½-ounce, ⅝-inch replaceable copper tip, 4¼ in. long.
9 A 5381—Shipping weight 1 pound 8 ounces **$5.25**

K **CRAFTSMAN. 150-watt.** Has 2½-oz., ⅜-inch replaceable copper tip, 4¼ inches long. 3 cooling fins.
9 A 5382—Shipping weight 1 pound 8 ounces **$5.95**

CRAFTSMAN. 200-watt. Similar to 9A5382 above, but for heavy duty use. Has 6 oz. replaceable copper tip, 4½ in. long, ⅝-in. diameter.
9 A 5383—Shipping weight 1 pound 8 ounces **$6.60**

L **DUNLAP Soldering Kit.** Pistol grip 80-watt soldering iron has Bakelite handle; for 110-120 A.C. or D.C. Kit includes soldering iron with cord and plug; soldering paste; wire solder and wire brush.
9 A 5407—Shipping weight 1 pound 8 ounces **$2.89**



M **Goggle with wire mesh shields** for chipping, grinding. Non-corroding frame, insulated temples; heat-resistant. Hardened, ground 50-mm. lenses.
28 A 6070—Shipping weight 8 oz. **$1.98**

N **Lightweight Spectacle type.** Full angle vision. Plastic frame. Clear 44-mm. flat lenses. Wire cored paddle temples.
28 A 6067—Shipping weight 5 oz. **$1.79**

P **Industrial Chipping, Grinding Goggle.** Eye protection from all directions. 50-mm. hardened lenses. Adjustable.
28 A 6060—Shipping weight 9 oz. **$2.29**
28 A 6061—Larger than above to fit over regular glasses. Shpg. wt. 12 oz. **$2.39**
Extra 50-mm. Lenses for (M) and (P).
28 A 6088—Shipping wt. 3 oz. ..... Pair **89c**

R **Welder's Goggle.** Shade 5 lenses; for light acetylene work. Elastic headband.
28 A 6053—Changeable lens. Wt. 4 oz. . . **$2.29**
Over-spectacle style. Fits over regular glasses.
28 A 6054—Like 28A6053 above. Wt. 12 oz. **$2.69**
28 A 6055—Extra No. 4 density Filter Lenses. 50-mm.; for welding, etc. Shpg. wt. 3 oz. Pr. **89c**
28 A 6057—Extra No. 6 density Filter Lenses. 50-mm.; heavy welding. Shpg. wt. 3 oz. Pair **89c**

S **Wind, Dust Goggle.** Cloth sides prevent fogging. Chenille edges. Shpg. wt. ea. 4 oz.
28 A 6068—With shatterproof lens **$1.45**
28 A 6062—With plain glass lens **79c**

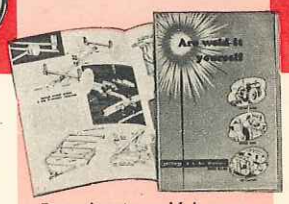
T **Face Shield.** Protects eyes, face; comfortable plastic. Snap-on window. Adjustable.
28 A 6085—Has sweatband. Wt. 1 lb. . . . **$2.39**
28 A 6086—Extra Window. Shpg. wt. 8 oz. . . **95c**

V **Chemical Respirator.** For paint fumes, etc. Pliable rubber. Changeable cartridge. Valve can't stick open.
28 A 6077—Shpg. wt. 12 oz. **$3.59**
28 A 6078—Extra Filter for above. Shpg. wt. 5 oz. Ea. 69c ..... 5 for **$2.98**
28 A 6075—Dust Respirator. As above but for both poisonous and disease producing dusts. Shpg. wt. 10 oz. **$3.29**
28 A 6076—Extra Filter for above. Shipping wt. 4 oz. ..... Each **49c**

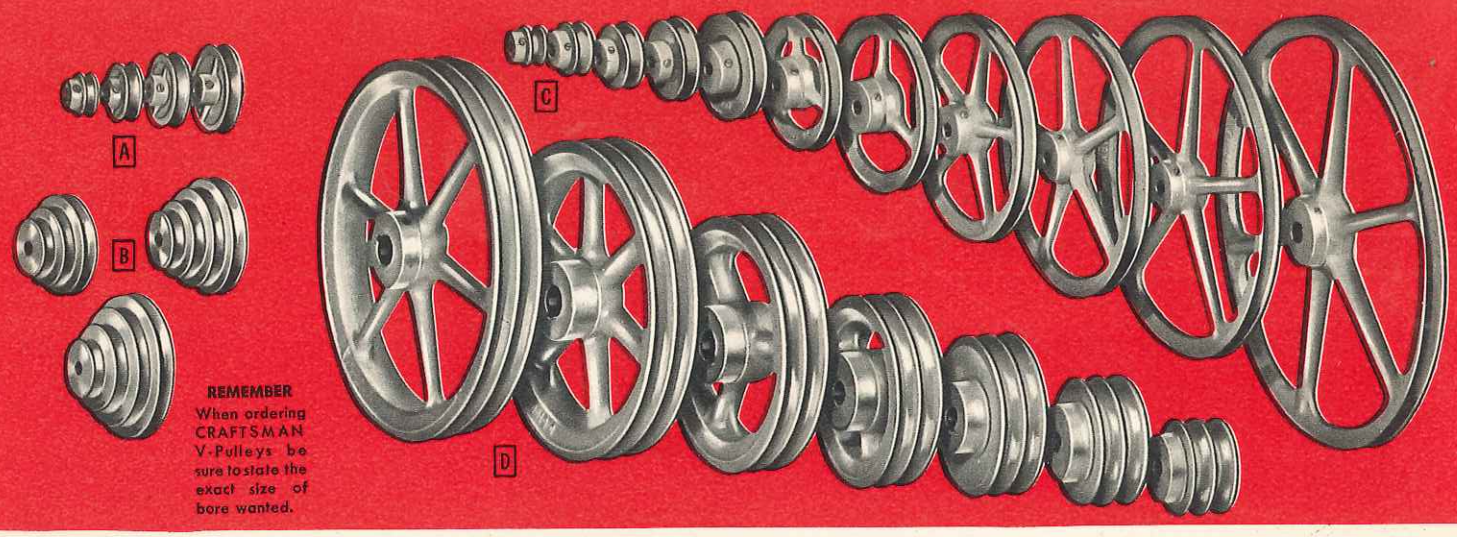
W **Low cost Respirator.** Protection against pollen; wood, grain, metal, stone dust. Light molded rubber frame.
28 A 6087—Shpg. wt. 8 oz. **$1.98**

WARNING! RESPIRATORS SHOULD NOT BE USED AS GAS MASKS!

36-Page Arc Welders' Manual



Learning to weld is easy with this new illustrated instruction book. You learn how to repair broken equipment or improve old equipment and build new devices for more efficient work. Contains 165 illustrations, clearly and fully described. Attractively paper bound.
9 A 2025—Wt. 3 oz. . **49c**



REMEMBER
When ordering CRAFTSMAN V-Pulleys be sure to state the exact size of bore wanted.

CRAFTSMAN REG. U.S. PAT. OFF. V-Pulleys . . Precision balanced . . Smooth running

CRAFTSMAN pulleys are scientifically designed for greatest working efficiency and are accurately made to give top working performance from your machinery or power tools. All belt grooves are painstakingly machined to run true. All bores are reamed to exact size. Diameters in the table listings below refer to outer edge of pulleys, not to bottom of the groove. Before ordering, carefully check diameter and bore size wanted.

CRAFTSMAN single groove V-Pulleys

A **Made of tough alloy die cast metal.** Strong, long-life flanges and hubs; accurately machined grooves and reamed bores. Can be used to replace broken or worn V-pulleys on power machines where loads are light and steady. One Allen head set screw on each pulley insure positive locking of pulley on shaft. For ⅜-inch (0 section) or ½-inch (A section) V-belts, except 9A2800, which is for use with ⅜-inch (0 section) belt only. *Be sure to state bore size and check diameter.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9 A 2800	1½ in.	½	3 oz.	35c
9 A 2801	2 in.	½, ⅝	5 oz.	45c
9 A 2802	2½ in.	½, ⅝, ¾	6 oz.	50c
9 A 2803	3 in.	½, ⅝, ¾	7 oz.	55c

CRAFTSMAN cone-type V-Pulleys

B **Made of tough alloy die cast metal.** Use in pairs for variable speed applications. Three and four step. One Allen head set screw locks pulley on shaft. For ⅜-in. (0 section) or ½-in. (A section) V-belts. Have ½, ⅝ or ¾-inch bore. *State bore size.*

Cat. No.	Size	Diam., step, in.	Shpg. wt.	Each
9 A 2788	3⅜ in.	3⅜, 2⅝, 2	1 lb.	$1.15
9 A 2792	4 in.	4, 3⅜, 2⅝, 2	1 lb. 10 oz.	1.40
9 A 2793	5 in.	5, 4, 3, 2	1 lb. 14 oz.	1.65

Here's What CRAFTSMAN Means To You!

The pulleys on this page are perfect examples of another way you save when you choose CRAFTSMAN. These pulleys were designed to fit CRAFTSMAN and other makes of tools. Likewise, V-Belts on the facing page were manufactured to match perfectly CRAFTSMAN pulleys, or any other make of a corresponding size. That's why it's always smart to choose from CRAFTSMAN. You're sure of getting fine quality merchandise, and you're sure parts can be matched exactly from CRAFTSMAN replacements and accessories.

CRAFTSMAN single-groove V-Pulleys

C **Made of heavy cast iron.** Heavy duty for production work in the shop, household or on the farm. Use to replace single groove V-pulleys on any type electric motor or gas engine. Positive-grip grooves are expertly machined and bores are accurately reamed. CRAFTSMAN single groove V-pulleys have slotted-head, hardened set screw. Standard keyways in ⅝-inch or larger bores. The grooves fit ⅜-inch (0 section) or ½-inch (A section) wide V-belts. *Order by catalog number and please remember to state clearly the size of bore which you require.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9 A 2880	1½ in.	½	9 oz.	55c
9 A 2881	2 in.	½, ⅝	11 oz.	65c
9 A 2882	2½ in.	½, ⅝, ¾	15 oz.	75c
9 A 2883	3 in.	½, ⅝, ¾	1 lb. 7 oz.	85c
9 A 2884	4 in.	½, ⅝, ¾	2 lbs. 3 oz.	$1.20
9 A 2885	5 in.	½, ⅝, ¾	2 lbs. 7 oz.	1.40
9 A 2886	6 in.	½, ⅝, ¾, 1	3 lbs.	1.70
9 A 2808	8 in.	½, ⅝, ¾, 1	3 lbs. 15 oz.	2.00
9 A 2810	10 in.	½, ⅝, ¾, 1	4 lbs. 7 oz.	2.50
9 A 2812	12 in.	½, ⅝, ¾, 1	5 lbs. 11 oz.	3.00
9 A 2814	15 in.	¾, 1	9 lbs. 11 oz.	5.95

CRAFTSMAN two-groove V-Pulleys

D **Made of heavy cast iron.** Balanced and true running, strong enough for heavy production work. Use on electric motors or gas engines on industrial, farm, workshop or household machines. Standard keyways provided in all bores listed in table below. Two hardened, hollow-head set screws. With wrench. For V-belts ½-in. (A section) or ⅝ in. (B section) wide.
9 A 2904—*State pulley diameter and size bore wanted.*

Diameter	Bore, inch	Shpg. wt.	Each
3 in.	⅝, ¾, 1	2 lbs. 11 oz.	$2.95
4 in.	⅝, ¾, 1	4 lbs. 1 oz.	3.75
5 in.	¾, 1, 1 3/16	5 lbs. 9 oz.	4.15
6 in.	¾, 1, 1 3/16	6 lbs. 6 oz.	4.75
7.8 in.	1, 1 3/16	9 lbs. 11 oz.	5.95
9.8 in.	1, 1 3/16	11 lbs. 8 oz.	6.85
12.8 in.	1, 1 3/16	13 lbs. 15 oz.	8.35

Table of Pulley Speeds

Use this table to determine the speed of your machine with varying sizes of motor and machine pulleys. Figures given are for use with belt at proper tension and a standard motor speed of 1750 R.P.M.

Diameter of Driving or Motor Pulley	Diameter in inches of Machine or Driven Pulley					
	1½	2	2½	3	4	5
1½ inches	1725	1290	1030	860	645	520
2 inches	2300	1725	1380	1150	860	690
2½ inches	2890	2160	1725	1440	1080	860
3 inches	3450	2590	2070	1725	1290	1030
4 inches	4600	3450	2760	2300	1725	1380
5 inches	5750	4310	3450	2870	2160	1725
6½ inches	7460	5600	4490	3740	2800	2240

EXAMPLE—the machine has a 2-in. pulley and should run 3450 or 3500 R.P.M. What size pulley should be used with a 1750 R.P.M. motor? From the above table, follow down the vertical 2-in. column to the speed of 3450, then to the left in column headed "Diameter of Driving or Motor Pulley." The answer is a 4-inch diameter pulley is required.

How to figure pulley diameter for engine. Multiply diameter of driven pulley by speed (R.P.M.) of driven machine. Divide result by the speed (R.P.M.) of engine. Result is diameter of engine pulley.

How to figure machine pulley diameter. Multiply diameter of engine pulley by speed (R.P.M.) of engine. Divide result by speed (R.P.M.) at which driven machine will run. Result is diameter of machine pulley.

Instruction Books Help You Get The Most From Power Tools

E **"The Drill Press."** 32 pages covering over 100 drill press operations. Describes drilling, shaping, sanding, mortising, dovetailing, routing and carving. Has over 175 illustrations.
9 A 2921—Shipping weight 2 oz. **25c**

F **"The Circular Saw."** 32 pages; over 150 illustrations. Describes using the bench, electric hand, swing, builders' and radial saws. Shows how to make 30 wood joints.
9 A 2926—Shipping weight 2 oz. **25c**

G **"The Jig Saw and Band Saw".** Contains 32 pages, more than 150 illustrations. Presents detailed description for operating both types of saws. Many short-cuts. Paper bound.
9 A 2919—Shipping weight 2 oz. **25c**

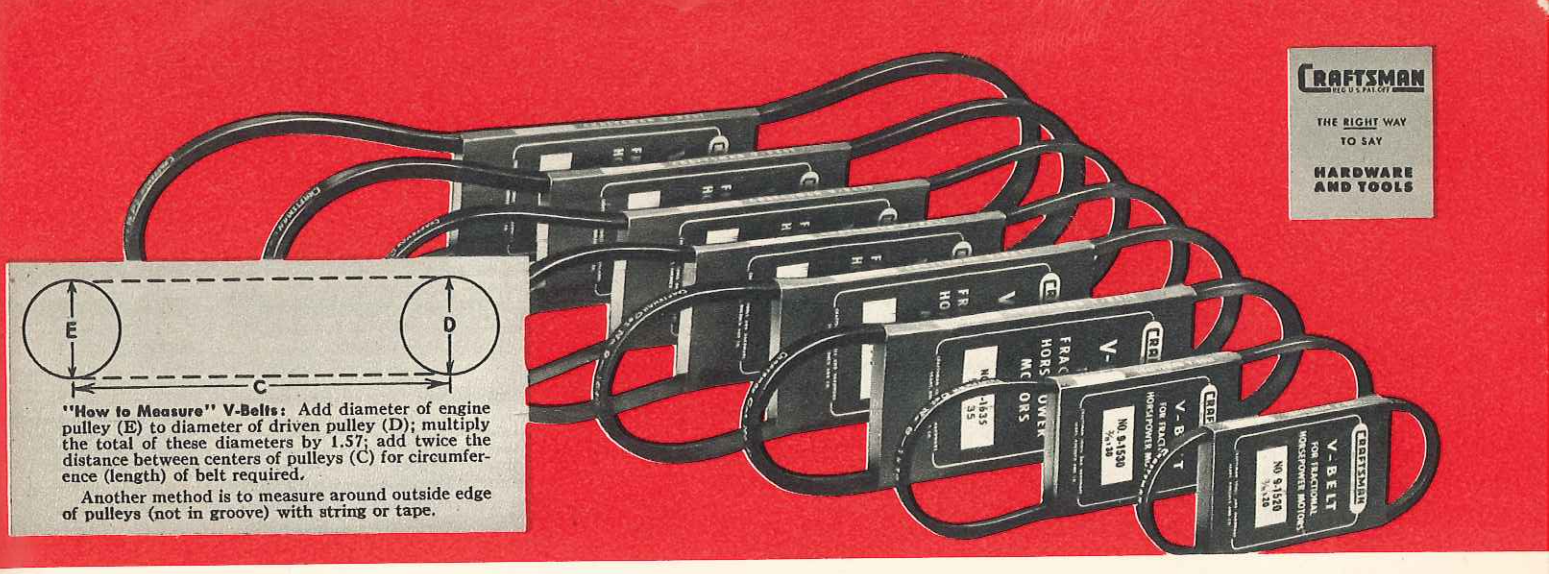
H **"The Wood Lathe."** Describes and illustrates over 150 wood-turning lathe operations. Tells how to mount attachments; describes centering, planning, etc. 32 pages.
9 A 2920—Shipping weight 2 oz. **25c**

J **"The Jointer, Shaper and Thickness Planer."** Has 32 pages; 175 illustrations. A complete manual of operation. Clearly describes over 30 operations; gives sharpening instructions.
9 A 2916—Shipping weight 2 oz. **25c**

K **"How to Sharpen" Manual.** Shows you how to bring almost any cutting tool to a razor sharp edge. Invaluable to all users of cutting tools. 32 pages; over 200 illustrations.
9 A 2924—Shipping weight 2 oz. **49c**

L **Arc Welder Manual.** Gives step-by-step instruction on how to weld. Tells how to mend broken equipment and build new devices for more efficient work. 36 pages; 165 illustrations.
9 A 2025—Shipping weight 3 oz. **49c**

M **Metal Lathe Manual.** Provides sound, practical explanation of metal lathe. Shows machinists tables. Well illustrated; 234 pages. Each section is indexed for easy reference.
9 A 2925—Shipping weight 11 oz. **$1.50**



CRAFTSMAN REG. U.S. PAT. OFF. V-Belts . . Built for maximum power transmission

CRAFTSMAN V-belts are highest quality . . . expertly made from the finest materials available in order to give you the utmost in satisfaction. Each belt has an extra heavy, closely woven cotton jacket wrapped around pliable, heat-resistant rubber. Reinforcing cords are pre-treated in liquid rubber.

3/8-inch V-Belts

CRAFTSMAN quality. Correct size for use on drives over small diameter pulleys. See "How to Measure" above.

1/2-inch V-Belts . . for most applications with V-pulleys

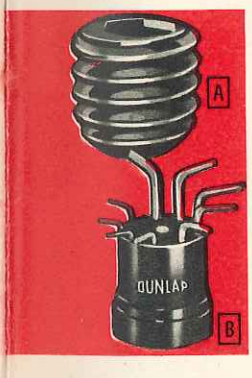
Genuine CRAFTSMAN quality. The correct size for most applications with V-pulleys, 2 inches in diameter or larger. Gives positive non-slip grip along sides of V-pulley grooves. **Be sure to order the correct size V-belt. See "How to Measure" above at left.**

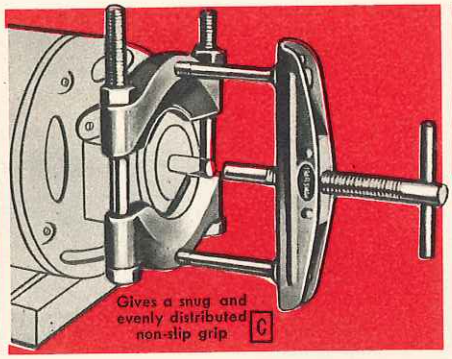
Why not replace your worn-out V-belt with a long-wearing, true-running CRAFTSMAN V-belt today . . . you'll speed up production and cut costs immediately.

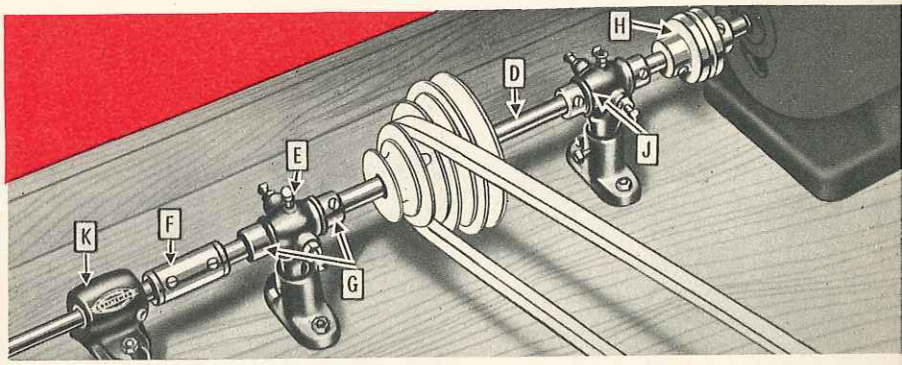
Cat. No.	Length	Shpg. wt.	Each
9 A 1520	20 in.	4 oz.	50c
9 A 1522	22 in.	4 oz.	50c
9 A 1524	24 in.	4 oz.	50c
9 A 1526	26 in.	4 oz.	55c
9 A 1528	28 in.	4 oz.	55c
9 A 1530	30 in.	4 oz.	55c
9 A 1532	32 in.	4 oz.	60c
9 A 1534	34 in.	4 oz.	60c
9 A 1536	36 in.	4 oz.	65c
9 A 1538	38 in.	4 oz.	65c

Be sure to order the correct size V-belt. See "How to Measure" above before ordering.

Cat. No.	Length	Shpg. wt.	Each	Cat. No.	Length	Shpg. wt.	Each	Cat. No.	Length	Shpg. wt.	Each
9 A 1622	22 in.	4 oz.	50c	9 A 1637	37 in.	6 oz.	70c	9 A 1650	50 in.	7 oz.	80c
9 A 1624	24 in.	4 oz.	50c	9 A 1638	38 in.	7 oz.	70c	9 A 1651	51 in.	7 oz.	90c
9 A 1625	25 in.	4 oz.	50c	9 A 1639	39 in.	7 oz.	70c	9 A 1652	52 in.	7 oz.	90c
9 A 1626	26 in.	4 oz.	55c	9 A 1640	40 in.	7 oz.	70c	9 A 1654	54 in.	7 oz.	90c
9 A 1628	28 in.	4 oz.	55c	9 A 1641	41 in.	7 oz.	75c	9 A 1656	56 in.	8 oz.	$1.00
9 A 1629	29 in.	4 oz.	55c	9 A 1642	42 in.	7 oz.	75c	9 A 1658	58 in.	8 oz.	1.00
9 A 1630	30 in.	5 oz.	55c	9 A 1643	43 in.	7 oz.	75c	9 A 1660	60 in.	8 oz.	1.00
9 A 1631	31 in.	5 oz.	60c	9 A 1644	44 in.	7 oz.	75c	9 A 1662	62 in.	8 oz.	1.10
9 A 1632	32 in.	5 oz.	60c	9 A 1645	45 in.	7 oz.	75c	9 A 1664	64 in.	8 oz.	1.10
9 A 1633	33 in.	5 oz.	60c	9 A 1646	46 in.	7 oz.	80c	9 A 1666	66 in.	9 oz.	1.15
9 A 1634	34 in.	6 oz.	60c	9 A 1647	47 in.	7 oz.	80c	9 A 1684	84 in.	10 oz.	1.35
9 A 1635	35 in.	6 oz.	60c	9 A 1648	48 in.	7 oz.	80c	9 A 16100	100 in.	11 oz.	1.60
9 A 1636	36 in.	6 oz.	70c								







Set Screws, Wrenches

A **Hollow-head Set Screws.** Replace ordinary set screws. Can be screwed flush with surface. Tough alloy steel. Wt. each 2 oz.

9 A 2809—Please state diameter and length.

Diameter	Length	Threads to in.	Each
1/4 inch	1/4 inch	20	5c
1/4 inch	1/2 inch	20	5c
5/16 inch	5/16 inch	18	5c
5/16 inch	1/2 inch	18	5c
3/8 inch	3/8 inch	16	5c

B **9-piece Set Screw Wrench Set.** For above set screws. Made of tempered tool steel. In convenient plastic holder. Wrenches held securely in holder by Neoprene rubber device; will not fall out when holder is tipped. Fit socket set screws Nos. 4, 6, 8, 10, and 1/4, 5/16, 3/8, 7/16 and 1/2-inch.
9 A 2807—Shipping weight 10 oz. . . . . Set **98c**

9 A 2813—**Individual sizes.** Please state hex. size wanted. Shpg. wt. each 1 oz.
Hex. size 1/8-in.; fits 1/4-in. set screw **9c**
Hex. size 5/32-in.; fits 5/16-in. set screw **9c**
Hex. size 3/16-in.; fits 3/8-in. set screw **9c**
Hex. size 7/32-in.; fits 7/16-in. set screw **9c**
Hex. size 1/4-in.; fits 1/2-in. set screw **9c**

Pulley Remover

$3.35

C An excellent sheave and pulley remover for removing small V-drive pulleys when frozen fast on electric motors or other power tool shafts, and for removing drive sheaves.

Fits single or multiple groove pulleys, gears, bearings, etc. Eliminates pulling on outer flange. Easy to operate. Just clamp in V-groove of sheave or pulley . . . the pulling strain is distributed evenly around a great part of the circumference. Gives a positive non-slip grip. Has capacity of 1 1/4 to 4 1/2-inches. Strong steel construction.

Handy for the home workshop or for the man who does set-up and mechanical repair work; the answer to many service and maintenance problems.
9 A 4696—Shpg. wt. 4 lbs. . **$3.35**

Sears Easy Terms make it easy to equip a power tool shop. See information on inside back cover.

Line Shaft and Line Shaft Accessories

Here's your opportunity to set up a power tool unit in your home workshop at an extremely low cost. With this line-shaft it is possible to drive a number of tools from one motor. Exceptionally high quality throughout. Precision built to assure utmost accuracy. For best results we recommend a 1/2-H.P. motor or larger for line-shaft driving.

D **Steel Line Shaft.** Use 1/2-inch line-shaft for light tools; 5/8 and 3/4-inch line-shaft for heavier machines and larger motors.
9 A 2833—1/2x24-inches. Shipping weight 1 pound 15 ounces **75c**
99 A 02834—1/2x48-inches. Shipping weight 3 pounds **$1.00**
99 A 02830—5/8x48-inches. Shipping weight 5 pounds **$1.45**
99 A 02835—3/4x48-inches. Shipping weight 5 pounds **$1.75**

E **Oil Cup.** Easily installed in place of plugs.
9 A 2820—Shipping weight 1 oz. **8c**

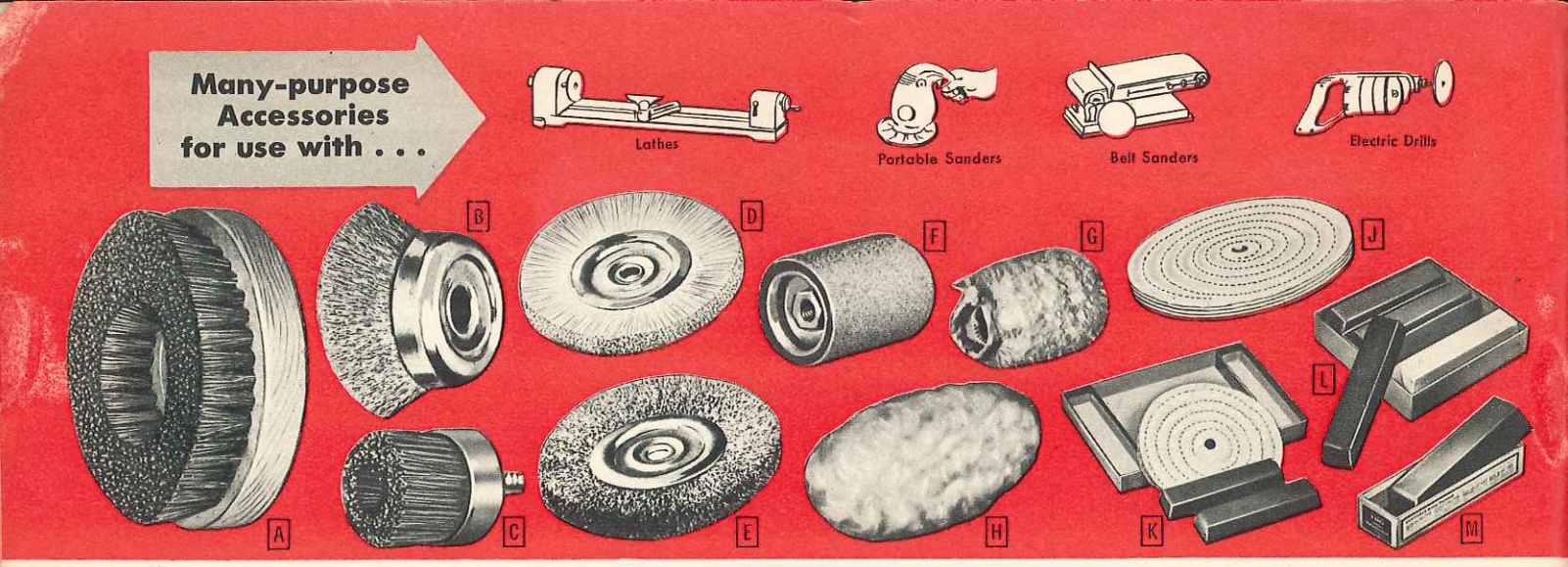
F **1/2-inch Rigid Coupling.** Often used to connect sections of line shafting.
9 A 2839—Shipping wt. 5 oz. **35c**

G **Line Shaft Collars.** Prevent endwise "drift" of shaft.
9 A 2824—1/2-inch. Shpg. wt. 2 oz. . . **15c**
9 A 2825—3/4-inch. Shpg. wt. 3 oz. . . . **20c**

H **Flexible Coupling.** Used to connect motor shaft to line shaft. Self-adjusting for slight misalignment. *State whether you want 1/2, 5/8 or 3/4-inch size.*
9 A 2840—Shpg. wt. 12 oz. **65c**

J **Bronze Bearing Shaft Hanger.** Adjustable for perfect shaft alignment. 1/2-inch hangers should be spaced every 18 inches; 3/4-inch hangers should be spaced every 24 inches for best results.
9 A 2828—Shpg. wt. 1 lb. 8 oz. . . . **$1.69**
9 A 2829—Shpg. wt. 1 lb. 12 oz. . . . **1.98**

K **Pillow Block.** Used as end support for line shaft. Long-life bronze bearing.
9 A 2716—1/2 inch. Shipping weight 1 pound 8 ounces **$1.45**
9 A 2717—5/8 inch. Shipping weight 1 pound 8 ounces **1.45**
9 A 2718—3/4 inch. Shipping weight 1 pound 8 ounces **1.45**



A New Power Tool Every Time You Change Accessories!

A Floor Brush. Handy for scrubbing, waxing, etc. 1-in. long Tampico fibers set in 5-in. diameter hardwood block. ½-in. arbor hole. Shpg. wt. 11 oz.
9 A 6487 . . . . . **$1.25**

B Wire Cup Brush. Special crimped steel wire bristles. 1½ in. long, secured in metal holder. For removing scale, rust, paint or weld spatter from rough metal surfaces. Brushing surface has 1½-in. face. 2¾-in. outside diameter; ½-in. arbor hole. Shipping weight 4 oz.
9 A 6485 . . . . . **79c**

C Carbon Removing Brush. Used by auto mechanics for hard-to-get-at jobs such as carbon removing, brushing motor parts, engine heads, etc. 1-in. long tempered steel wires secured in metal holder. Ferrule diameter 1 in.; ¼-in. diameter steel shank. Shpg. wt. 4 oz.
9 A 6484 . . . . . **79c**

D Tampico Fiber Wheel Brush. Tampico fiber secured by metal center. 6-inch diameter, ⅝-inch face. ½-inch arbor hole.
9 A 6486—Shipping wt. 8 oz. **79c**

E Steel Wire Wheel Brushes. Crimped steel wire; metal center. **Coarse** made from No. 33 wire; **fine** from .006-in. diameter wire; **heavy duty** from No. 33 wire. *State wheel diameter and arbor hole size wanted.*

Diam.	Face Width	Arbor Hole	Shpg. wt.	Each
9 A 6480—Coarse.				
.4 in.	7/16 in.	½-in.	5 oz.	$0.59
.6 in.	9/16 in.	½ or ⅝-in.	11 oz.	.89
.8 in.	11/16 in.	½ or ⅝-in.	1 lb.	1.00
9 A 6482—Fine.				
.4 in.	⅜ in.	½-in.	5 oz.	$0.79
.6 in.	½ in.	½ or ⅝-in.	11 oz.	1.10
.8 in.	⅝ in.	½-in.	1 lb.	1.39
9 A 6483—Heavy duty.				
.4 in.	1 in.	½-in.	14 oz.	$1.69
.6 in.	1⅛ in.	½-in.	1 lb. 12 oz.	2.35
.6 in.	1⅛ in.	⅝-in.	1 lb. 12 oz.	2.35
.8 in.	1⅜ in.	½-in.	2 lbs. 12 oz.	2.85

F Sanding Drums. Complete with adapter and medium grit sleeve. Diameter 2¼ in.; length 3 in. Fits ½-in. x 20-thread shaft.
9 A 2524—Shipping weight 12 oz. **$1.59**
Replacement Sanding Sleeve. (Not shown.) For above. *State grit: fine, medium, coarse.*
9 A 2522—Shipping weight 2 oz. **14c**

G Lambswool Polishing Drum. 1-in. wool pile. Diameter 2¼ in.; length 3 in. Slips over sanding drum 9A2524 at left; polishes curved and irregular surfaces. Shipping weight 3 oz.
9 A 2533 . . . . . **98c**

H Lambswool Polishing Bonnets. Fit over sanding plates. For polishing wax surfaces. Shpg. wt. each 8 oz.
9 A 2521—5¼-in. diam. Fits over 4 to 5-in. sanding plate. 1-in. pile. **98c**
9 A 2527—7-in. diam. Fits over 5 to 6-in. sanding plate. 1-in. pile. **$1.25**
9 A 2528—8-in. diam. Fits over 7-in. sanding plate. 1¼-in. pile **$1.49**
9 A 2539—9-in. diam. Fits over 8-in. sanding plate. 1¼-in. pile. **$1.79**

J CRAFTSMAN Spiral-sewn Buffs. Highest quality. Most generally used buff for all work. Made from unbleached muslin, 64x64-thread count. ½-in. center hole. *Order by catalog number and be sure to state diameter wanted when ordering.*

Catalog No.	Diam.	Layers	Shpg. wt.	Each
9 A 6491	.4 in.	18	.2 oz.	$0.29
Single Thickness Buffs	.6 in.	18	.3 oz.	.49
	.8 in.	18	.6 oz.	.69
9 A 6493	.4 in.	32	.3 oz.	.49
Double Thickness Buffs	.6 in.	32	.6 oz.	.69
	.8 in.	32	11 oz.	1.00

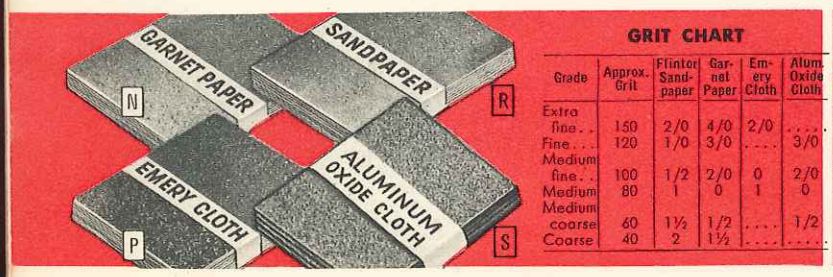
CRAFTSMAN Loose Buffs. (Not shown.) ½-in. center hole. Same quality as spiral-sewn buffs at left. Rows of sewing indicated are concentric. Easily removed. Use on base metals, plastics and plated surfaces to give light cut and high finish. *Please be sure to state diameter wanted.*

Catalog Number	Diameter	Rows of Sewing	Layers	Shpg. wt.	Each
9 A 6494	.4 in.	2	32	.2 oz.	$0.49
	.6 in.	2	32	.4 oz.	.69
	.8 in.	3	32	.7 oz.	1.00

K CRAFTSMAN Buffing Set. For ½-in. shafts. 6-in. double-thick muslin buffing wheel; 6-oz. bar Rouge and 5-oz. bar Tripoli (brown) buffing compounds.
9 A 2864—Shpg. wt. 1 lb. 1 oz. . . . Set **$1.10**

L CRAFTSMAN Buffing Compound Set. One 5-oz. bar each of Emery (black), Tripoli (brown), Red Rouge and White Rouge.
9 A 2896—Shpg. wt. 2 lbs. . . . 4 bars for **79c**
CRAFTSMAN 6-oz. Buffing Compound Bars.
9 A 2860—**White Rouge.** Shpg. wt. 8 oz. . . . 25c
9 A 2865—**All Purpose.** Shpg. wt. 8 oz. . . . 25c

M CRAFTSMAN Economy-size Buffing Compound Bars. 7¼x2¼x1½ inches.
9 A 2872—**White Rouge.** 19-oz. bar. For hard metals. Shpg. wt. 1 lb. 8 oz. **59c**
9 A 2868—**All Purpose.** 1-lb. bar. For plastics, most metals. Shpg. wt. 1 lb. 4 oz. . . . 59c



GRIT CHART

Grade	Approx. Grit	Flintor Sandpaper	Garnet Paper	Emery Cloth	Alum. Oxide Cloth
Extra fine	150	2/0	4/0	2/0	. . . .
Fine	120	1/0	3/0	. . . .	3/0
Medium fine	100	1/2	2/0	0	2/0
Medium	80	1	0	1	0
Medium coarse	60	1½	1/2	. . . .	1/2
Coarse	40	2	1½	. . . .	. . . .

Grits of Abrasive Papers and their Uses

1. Use *coarse, medium coarse and medium grit* for fast removal of material.
2. Use *medium fine and fine grit* for semi-finishing and light removal of material.
3. Use *extra fine grit* for finishing, polishing.

N Garnet Paper. 9x11-inch sheets. Tough; outlasts sandpaper.
9 A6795–State grit and size package wanted.

Grit	Shpg. wt. of 6	6 for	72 for
4/0 Extra fine	3 ounces	$0.30	$3.20
3/0 Fine	3 ounces	.30	3.20
2/0 Medium fine	3 ounces	.30	3.20
0 Medium	4 ounces	.33	3.55
½ Medium coarse	4 ounces	.39	4.19
1½ Coarse	8 ounces	.49	5.29

New! Wet or Dry Garnet Paper. 9x11-inch sheets. Can be used dry or with water or rubbing oil to produce a professional finish on wood or metal. Folds without cracking.
9 A 3018—**Please state grit wanted.**

Grit	6/0 Super fine	4/0 Extra fine	2/0 Medium fine
Shpg. wt.	3 oz.	3 oz.	3 oz.
6 for	27c	35c	43c

9 A 3006—**Assorted Grits.** 4½x5½-in. sheets. Shpg. wt. 4 oz. One package (10 sheets) . . **19c**

P Emery Cloth. Package of 6 sheets; 4½x5½ inches; assorted grits. Shipping weight 13 ounces.
9 A 6799—One package for. **9c**
9 A 6798—3 sheets; 9x11 inches. Choice of 2/0, ½, or 1 grit. **Please state grit wanted when ordering.** Shipping weight 6 oz. . . . . 3 for **29c**

R Sandpaper. 4½x5-inch sheets. 20 sheets per package. Assorted grits. Shipping wt. 12 oz.
9 A 6794—One package for. **9c**
9x10-in. sheets. Sold only in units of 12 or 120 sheets.
9 A 6793—**Please be sure to state grit, and quantity of sheets wanted when ordering.**

Grit	Shpg. wt. of 12	12 for	120 for
2/0 Extra fine	8 oz.	19c	$1.69
1/0 Fine	8 oz.	19c	1.69
½ Medium fine	9 oz.	20c	1.79
1 Medium	10 oz.	20c	1.79
1½ Medium coarse	11 oz.	22c	1.99
2 Coarse	1 lb. 1 oz.	24c	2.19

S Aluminum Oxide Cloth. 9x11-inch sheets. Toughest abrasive known.
9 A 6789—**State grit and size package wanted.**

Grit	Shpg. wt. of 3	3 for	24 for
3/0 Fine	6 oz.	43c	$3.25
2/0 Medium fine	6 oz.	43c	3.25
0 Medium	6 oz.	49c	3.65
½ Medium coarse	6 oz.	49c	3.65

T DUNLAP Sanding Block. Curved to fit the hand. With 30x1⅝-in. roll of medium grit garnet paper. Pull out new section as sanding cloth wears out.
9 A3681–Shpg. wt. 12 oz. 79c
9 A3688—**Sanding Block Refills.** 30x1⅝-in. rolls. Medium grit. Shipping weight 1 ounce. . . . . Each 10c

U CRAFTSMAN Shop Rolls. Strong cloth back, aluminum oxide abrasive. Sold in 10-yard rolls only; cut to length desired. For wood or metal finishing. *Order by catalog no.; state grit.*

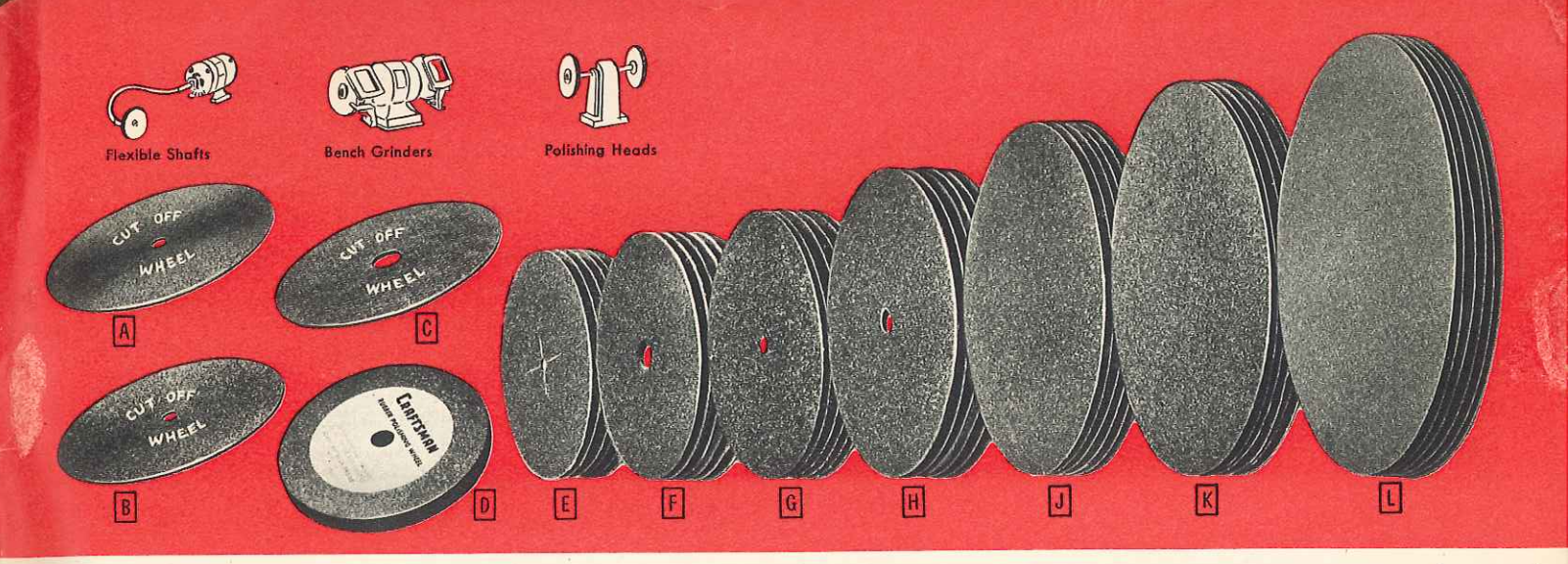
Grit	Shpg. wt.	10-yd. roll
9 A 6431—1 inch wide		
Fine	7 ounces	$0.85
Medium	7 ounces	.95
Coarse	10 ounces	1.05
9 A 6433—1½-inch wide		
Fine	7 ounces	$1.23
Medium	10 ounces	1.39
Coarse	13 ounces	1.63

V DUNLAP High quality Steel Wool. Handy around the shop or home. Furnished in handy pads, in your choice of four grades: 0-fine; 1-medium fine; 2-medium; 3-coarse. **Be sure to state grit wanted.**
9 A 6791—**Package of 16 pads.** Shipping weight 1 lb. 4 oz. . **62c**

W Liquid Glue. Use for wood, leather, glass, etc. Ready to use; no mixing necessary.
9 A 8089—**4-oz. bottle.** Shipping weight 14 ounces. **30c**
9 A 8082—**8-oz. bottle.** Shipping weight 1 lb. 4 oz. **65c**

X Casein Powder Glue. Makes a stronger bond than ordinary glue. Simply mix with water. Fine for use where dampness occurs. Shpg. wt. 1 lb. 4 oz.
9 A 8092—11-oz. can. **85c**

Y DUNLAP White Glue. A fast-setting, clear-drying liquid resin glue. Makes a fast bond. For woodworkers, hobbyists, etc.; for wood, leather, paper, cork, etc. Shpg. wt. 14 oz.
9 A 8087—**4-oz. bottle** **39c**



Make Sears Your Headquarters for Power Tool Accessories!

A Aluminum oxide abrasive rubber-bonded Cut-off Wheels. 8-in. diameter by 3/32 in. thick. For ½, ⅝, or ¾-in. shaft.
9 A 6470—State shaft. Shpg. wt. 1 lb..... **98c**

B Resinoid-Bonded Cut-Off Wheels. 8-in. diameter, 3/32 in. thick. For ½, ⅝ or ¾-in. shaft. *State shaft diameter.*
9 A 6448—For steel sheets or tubing, etc. (Aluminum oxide.) Shpg. wt. 1 lb. Each..**$1.39**
9 A 6449—For tile, porcelain, etc. (Silicon carbide.) Shpg. wt. 1 lb. Each..... **1.69**
9 A 6455—For cast iron, brick, concrete, etc. (Silicon carbide.) Shpg. wt. 8 oz. Each. **1.69**

C Bayflex Abrasive Wheels. Safest all-purpose grinding wheel made. Cotton felted, aluminum oxide impregnated and resinoid bonded. Replace hack saw, file, sharpening wheel or circular saw. 1-in. hole. Bushings furnished for smaller shafts.
9 A 6428—State diameter, grit and hole size.

Diam.	Thickness	R.P.M.	Grit	Shpg. wt.	Each
6 in.	1/16 in.	10,000	120	8 oz.	$1.43
6 in.	3/32 in.	10,000	80	12 oz.	1.75
6 in.	⅛ in.	10,000	24	1 lb.	2.05
7 in.	1/16 in.	8,500	120	12 oz.	1.89
7 in.	3/32 in.	8,500	80	1 lb.	2.25
7 in.	⅛ in.	8,500	24	1 lb. 8 oz.	2.25
8 in.	1/16 in.	7,500	120	1 lb.	2.72
8 in.	3/32 in.	7,500	80	1 lb. 4 oz.	2.93
8 in.	⅛ in.	7,500	24	1 lb. 8 oz.	3.50
10 in.	⅛ in.	6,000	24	2 lbs.	5.18
10 in.	¼ in.	6,000	24	3 lbs.	7.75

D CRAFTSMAN Rubber Polishing Wheel. Abrasive in rubber. For polishing and finishing all hard metals and plastics. Ideal for rust removal, die work, deburring, sharpening, etc. Easy to shape for getting into tight places. ½ in. thick; ½-in. bore. Maximum speed recommended: 4-in., 3800 R.P.M., 6-in., 2500 R.P.M. Fine, medium or coarse. *State grit.*
9 A 2928—4-in. Shpg. wt. 9 oz... **$1.25**
9 A 2929—6-in. Wt. 1 lb. 8 oz....**$1.98**

E 5-inch Abrasive Disc. Aluminum oxide on paper. For wood or metal. Fits sanding plates from 4½ through 5 inches in diameter.
9 A 2543—Pkg. of 6 (3 medium and 3 fine). Shpg. wt. 4 oz..... **25c**
9 A 2542—Pkg. of 3. Open coat grit, ideal for heavy or old stock removal; paint or varnish removal. Wt. 3 oz...**25c**

F 5½-inch Deluxe Cloth-Backed Pre-gummed Abrasive Discs. Cloth-backed for longer life. Pre-gummed; no additional adhesive required. Aluminum oxide. For wood or metal. Fits 9A2610 sanding plate at bottom of page, or any other 5½-in. sanding plate. Fine, medium, or coarse grit. *State grit.*
9 A 2612—Pkg. of 2. Wt. 2 oz.....**29c**

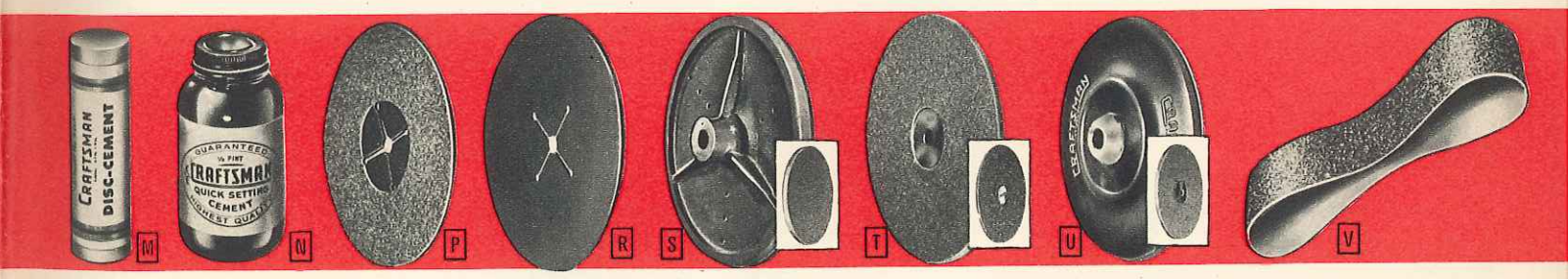
G 6-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Hole in center. Will fit the CRAFTSMAN sander-polisher-buffer on page 21. Also will fit any other 6-in. sanding plates, whether they take perforated or solid replacement discs. The open coat discs are ideal for heavy or old stock removal, and for paint or varnish removal; will last longer and won't fill in so fast.
9 A 2532—State grit wanted.
Fine. Pkg. of 6. Shpg. wt. 6 oz.....**29c**
Medium. Pkg. of 6. Shpg. wt. 6 oz....29c
Coarse. Pkg. of 4. Shpg. wt. 6 oz....29c
Open Coat Coarse. Package of 3. Shipping weight 6 oz.....29c
Assorted. Pkg. of 6 (2 fine, 2 medium, 2 coarse). Shpg. wt. 6 oz.....29c

H 7-inch Deluxe Cloth-Backed Pre-Gummed Abrasive Discs. Cloth backed for longer life. Pre-gummed; no additional adhesive required for attaching to sanding plate. Aluminum oxide abrasive. For wood or metal. Fits 9A2611 sanding plate at bottom of page or any other 7-inch sanding plate. Fine, medium or coarse grit. *State grit wanted when ordering.*
9 A 2613—Pkg. of 2. Wt. 3 oz.....**40c**

J 8-inch Abrasive Discs. Aluminum oxide on paper. For use on wood or metal. Fits sanding plates 9A2341 and 9A2491 at bottom of page; also fits Sears former sander No. 2213; also fits any other 8-inch sanding plates.
9 A 2525—State grit wanted.
Fine. Pkg. of 6. Shpg. wt. 8 oz.... **59c**
Medium. Pkg. of 6. Shpg. wt. 8 oz.**59c**
Coarse. Pkg. of 5. Shpg. wt. 8 oz.**59c**

K 9-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Fits our former 2730 disc sander or 99AM2235 sander (listed on page 19); or fits any other 9-inch diameter sanding plate.
9 A 2526—State grit wanted.
Fine. Pkg. of 6. Shpg. wt. 8 oz....**69c**
Medium. Pkg. of 6. Shpg. wt. 8 oz.**69c**
Coarse. Pkg. of 5. Shpg. wt. 8 oz..**69c**

L 10-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Fits Sears former Sander No. 2210 or any other 10-inch sanding plates.
9 A 2534—State grit wanted.
Fine. Pkg. of 6 Shpg. wt. 10 oz...**89c**
Medium. Pkg. of 6. Wt. 10 oz.....**89c**
Coarse. Pkg. of 5. Wt. 10 oz.....**89c**



All Sears Sanding and Abrasive Supplies are top professional quality

M Stick Disc Cement. Holds sanding discs firmly to metal or wood sanding plates. Non-drying type. Choice of 4¾ or 16-oz. sticks.
9 A 2219—4¾-oz. stick. Shpg. wt. 6 oz.....**39c**
9 A 2229—16-oz. stick. Shpg. wt. 1 lb. 2 oz....**79c**

N Liquid Disc Cement. Fastens abrasive discs to metal plates. Sets quickly and holds very firm. Shipping weight 1 lb. 2 oz.
9 A 2535—½-pint bottle.....**49c**

P 7-inch Resin-bonded Abrasive Discs. ½-inch center hole. These resin-bonded abrasive discs outlast glue-bonded discs from 2 to 2½ times! Easily worth the difference in price. Won't "soften up" under high speeds. Fine for curved surfaces. Made of aluminum oxide grit, firmly bonded to pliable fiber back. Your choice of following grits: No. 24, 36, 50 or 80. *Please be sure to state grit wanted when ordering.*
9 A 2220—Shipping wt. 5 oz.....Each **39c**

R 7-inch Fiber Backing Pads. Used for backing up abrasive discs for more rigidity. *Please state ½-inch center hole when ordering.*
9 A 2225—Shipping weight 4 oz.....Each **59c**

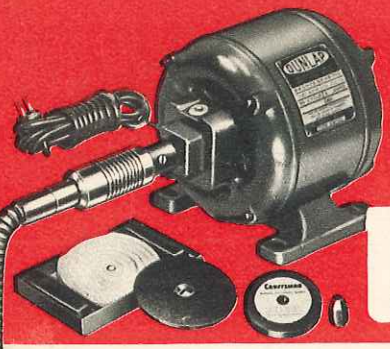
S Sanding Plates. Exceptionally high quality. Strongly made of cast iron. Set screw provided to lock plate securely on spindle. Plate has one abrasive disc for sanding wood, attached. Extra abrasive discs will be found listed at left. *Be sure to check spindle size before ordering and order by correct catalog number.*
8-inch diameter. Fits lathe 99A02160 (page 22) or any ⅝-in. straight unthreaded spindle.
9 A 2341—Shipping weight 2 lbs.....**$3.79**
8-inch diameter. Fits lathe 99AM2307 (see page 22) or any ¾ in. x 16 right hand thread spindle.
9 A 2491—Shpg. wt. 2 lbs. 8 oz.....**$4.49**

T Sanding Wheel. 8-in. diameter. ½ or ⅝ in. bore. Exceptionally high quality. Strongly made of steel. Fits any 8-in. or larger bench saw, having ½ or ⅝-in. arbor. Has one medium and one coarse abrasive disc for wood, attached. *Be sure to state hole size wanted when ordering.*
9 A 2272—Shipping weight 4 lbs.....**$2.75**
Replacement Sanding Discs, for 9A2272 sanding wheel above. 8-inch diameter. 2-inch center hole fits over any arbor. Package of six assorted: 2 each of fine, medium and coarse grit. Order enough so you will always have them handy.
9 A 2273—Shipping weight 10 ounces.....**59c**

U Flexible Sanding Plates. These flexible sanding plates will fit flexible shafts, polishing heads, lathes, electric hand drills, etc., or any other ½-inch 20-thread spindle. One medium grit abrasive attached. For wood or metal.
5½-inch diameter. Thick, molded flexible rubber pad, with 3½-inch diameter steel insert. Center-screw in hub keeps sanding disc from shifting.
9 A 2610—Shipping weight 13 oz.....**$1.35**
7-inch diameter. Thick, molded flexible rubber pad, with 4⅜-inch diameter steel insert. Hub center-screw keeps sanding disc from shifting. Takes regular 7-in. discs at top of page or resin-bonded discs at left.
9 A 2611—Shipping weight 1 lb. 5 oz.....**$1.85**

V Sanding Belts. These sanding belts have exceptionally high quality throughout. Endless construction. For sanding wood or metal. Choice of fine, medium or coarse grit. *Please be sure to state grit wanted when ordering.*
9 A 2167—**6x48 5/16 inches.** Aluminum oxide on cloth. Fits 99AM2235 sander (see page 19). Shpg. wt. 8 oz.....**$1.15**
9 A 2211—**4x52½ inches.** Aluminum oxide on cloth. Fits Sears former No. 2210 sander. Shpg. wt. 10 oz.....**79c**
9 A 2215—**4x36 inches.** Aluminum oxide on cloth. Fits sander 99A02236 on page 19 or Sears former No. 2213 sander. Shipping weight 4 ounces.....**59c**

Sears Easy Terms make it easy to equip an entire workshop. See inside back cover for details



$14.75
Complete Set Without Motor

CRAFTSMAN 50-inch Flexible Shaft Set

Such a useful addition to your shop, you'll wonder how you ever got along without it! Makes grinding, sanding, cleaning, polishing, drilling far easier. **Set includes the following:**

Flexible Shaft. 50 inches long over-all; fits ½-inch motor shaft. Casing has 2 layers of steel consisting of an inner layer of tempered spring steel and an outer layer of soft steel. Ball bearings in hand piece and in motor coupling. Aluminum alloy housings. Black, rust-resistant steel end fittings. Has ⅜-inch core of multiple strand, helically-wound high carbon steel wires. Spindle is ½-inch by 20-thread.

Motor. DUNLAP ¼-H.P. 1750 R.P.M. sleeve bearing split-phase for 110–120-volt 60-cycle A.C.; of fine quality; sturdy, powerful!

Buffing Equipment. 6-in. double-thickness sewed buff; 6-oz. bar of rouge buffing compound for soft, nonferrous metals; 5-oz. bar of Tripoli (brown) buffing compound for aluminum, brass, wood, plastics, etc. Also 4-in. rubber and abrasive polishing wheel, ½-in. thick, ½-in. bore; 5½-in. flexible sanding plate with medium grit abrasive; 3-jaw chuck, screw-on type, ¼-in. capacity.

99 AT 2651—Complete set, with motor. Wt. 31 lbs.... **$29.50**
99 A 02630—Complete set, without motor. Wt. 8 lbs... **14.75**
99 A 02633—CRAFTSMAN 50-inch Flexible Shaft without motor. Shipping weight 6 lbs..... **10.95**
99 AT 2619—CRAFTSMAN 50-inch Flexible Shaft with ¼-H.P. 1750 R.P.M. sleeve bearing split phase motor for 110–120-volt, 60-cycle A.C. Shipping weight 29 pounds..... **$25.75**
9 A 2634—**Flexible Shaft Extension** (not shown). 38 inches long. Same construction as above flexible shaft. Without hand piece or motor coupling. Shpg. wt. 3 lbs. 2 oz..... **$3.75**
9 A 2622—**Extra Core** for above flexible shaft or extension. Shipping weight 1 lb. 2 oz..... **2.45**

Top Quality Features

Helically wound carbon steel wire (23 wires, 5 layers in 50-in. shaft; 35 wires, 6 layers in 72-in. shaft.) Minimum tensil strength 240,000 lbs. per square in.

50-in. shaft casing has inner layer of spring steel. Outer layer of soft steel resists lubrication leakage and rust.

72-in. heavy duty casing has oil tempered spring steel liner; oil-resistant fabric jacket; steel wire and braid reinforced synthetic rubber cover.

Hundreds of Uses

Here's one of the most useful tools of all. Actually, there are hundreds of applications for this Flexible Shaft when used with the proper accessories. Here are just a few: sharpen almost any cutting tool; sand furniture, woodwork, etc.; mix paint thoroughly, quickly; polish your car with no effort; drill in hard-to-reach places with minimum difficulty; remove paint from cars, etc.; remove carbon in engines; remove rust from metals; minimize the work involved in many tiresome household chores. **Act now! If you don't own a CRAFTSMAN Flexible Shaft . . . you're working too hard!**

Without Motor $29.25 Cash
$3 DOWN ON EASY TERMS

CRAFTSMAN 72-inch Flexible Shaft

Extra long . . . and tough. Ideal for heavy duty use in garages, shops, factories and industrial plants . . . it's an indispensable multi-use tool.

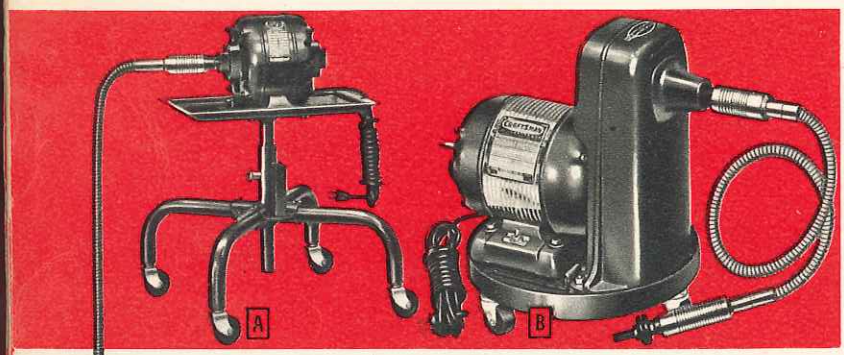
Chrome plated steel hand piece and motor coupling both have extra large precision ball bearings for smoother operation and longer wear. Knurling on hand piece gives firm, non-slip grip. Black, rust resistant steel end fittings.

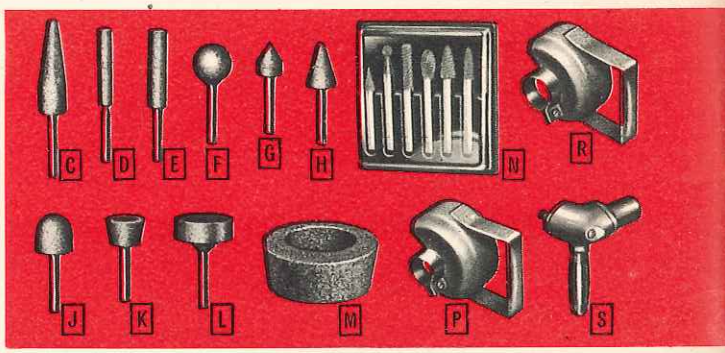
Extra long, 72-inch shaft. Fits ½-inch motor shaft. Spindle is ½-inch, 20-thread. Core is of ½-inch high carbon steel wire, helically-wound, multiple-strand. Inner casing is of helically wound steel, covered with heavy, abrasion-resistant synthetic rubber jacket . . . steel impregnated . . . will not scratch surfaces.

Unusually flexible! Absolutely leakproof! Supports core evenly. The spiral steel chrome finish outer reinforcement at end of shaft protects jacket. Complete with casing, core, motor coupling, hand piece and simple instructions for correct usage.

99 A 02655—CRAFTSMAN 72-inch Flexible Shaft without motor. Shpg. wt. 12 lbs..... **$29.25**
99 AT 2629—CRAFTSMAN 72-inch Flexible Shaft with ½-H.P. 1750 R.P.M. capacitor ball bearing motor for 110–120-volt, 60-cycle A.C. Shipping weight 46 pounds..... **$58.95**
9 A 2682—**Extra Core** for above flexible shafts. Shipping weight 3 lbs. 4 oz..... **7.95**

Sears Easy Terms make it easy to buy all the tools you need for a complete shop NOW! For details see inside back cover





Portable Flexible Shaft Outfits

[A] **CRAFTSMAN Portable Flexible Shaft Outfit.** Roll it right to your work . . . on easy-rolling swivel casters! Outfit includes: 50-in. Flexible Shaft (99 A 02633 described above); DUNLAP ¼-HP 1750 RPM split phase motor (for 110–120-volt, 60-cycle, AC) with cord and plug; and portable stand (99 A 02062 listed below).
99 AT 2065—Shipping weight 45 pounds. Complete..... **$29.95**

CRAFTSMAN Portable Flexible Shaft Stand. For use with any CRAFTSMAN Flexible Shaft and motor. Adjustable height. Mounted on four swivel casters; two with locks. Two-speed motor operation adapts for sanding, polishing, etc., by mounting mandrel (not included).
99 A 02062—Shipping weight 19 lbs. Stand only..... **$10.95**

[B] **Multi-Speed Flexible Shaft Outfit.** This handy outfit rolls on ball bearing swivel casters . . . has features found in NO other multi-speed Flexible Shaft outfit! For floor or bench use. Can be tilted about 30° on rim and two wheels. Has three speeds: approximately 875, 1750, and 3450 RPM, using 1750 RPM motor. Complete with portable base; multi-speed attachment; 50-in. Flexible Shaft; and DUNLAP ¼-HP 1750 RPM split phase motor (110–120 volt, 60-cycle, AC) with cord and plug.
99 A 02635—Shipping weight 44 pounds. Complete Outfit..... **$50.95**

99 A 02639—Outfit, as above, but with CRAFTSMAN ½-HP 1750 RPM ball-bearing capacitor motor (for 110–120 volt, 60-cycle AC) with cord and plug. Wt. 55 lbs..... **$65.95**

99 A 02636—Outfit as above, but without motor. Includes: portable base; multi-speed attachment; and 50-in. Flexible Shaft. Shipping weight 21 pounds..... **$36.50**

CRAFTSMAN Portable Base. Stamped steel base; three ball-bearing swivel casters. Can be tilted 30°, on rim and two wheels. Holes drilled for mounting multi-speed attachment (listed below) and ¼, ⅛ or ½-HP motor. With bolts.
99 A 02620—Shipping weight 6 pounds. Base only..... **$3.45**

CRAFTSMAN Multi-Speed Device. Use with portable base above; ¼, ⅛ or ½-HP motor; and CRAFTSMAN 50 or 72-in. Flexible Shaft (described at top of page). Has three speeds: approximately 875, 1750 and 3450 RPM, using 1750 RPM motor. Ball bearing shaft; floating motor mount. Height 12½ in. Complete with 2 cone-type pulleys; V-belt; bolts.
9 A 2621—Shipping weight 9 pounds. Attachment only..... **$22.25**

Flexible Shaft, Grinding, Cutting Accessories

Mounted grinding tools for use on Flexible Shafts. Points made of highest quality vitrified aluminum oxide. Accurately mounted on ¼-inch steel shafts; run true. For finish work, die cutting, or other grinding work. Sizes given are stone sizes. Use 9A6458 for sharpening 9A2420 hollow chisel (described and listed on page 31.) Shipping weight each 3 ounces.

Catalog No.	Diam.	Length	Each
(C) 9 A 6461	¾ in.	2½ in.	45c
(D) 9 A 6463	⅜ in.	2 in.	45c
(E) 9 A 6462	½ in.	2 in.	45c
(F) 9 A 6459	1 in.	1 in.	45c
(G) 9 A 6458	11/16 in.	⅞ in.	45c
(H) 9 A 6457	¾ in.	1 1/16 in.	45c
(J) 9 A 6460	1 in.	1 in.	45c
(K) 9 A 6443	1 in.	½ in.	45c
(L) 9 A 6444	1½ in.	½ in.	45c

[M] **Cup Grinding Wheel.** Can be used with a Flexible Shaft, electric grinders, etc. Compact wheel is ideal for grinding in hard-to-reach places. Constructed of high-quality, long-life material. Resinoid bonded. ½-inch lead bushed arbor hole. 5-inch diameter; 2-inch flared cup; 1-inch rim. Shipping weight 2 lbs. 4 oz.
9 A 6401—Silicon Carbide. For grinding and smoothing concrete and other extra rough surfaces.... **$3.69**
9 A 6402—Aluminum Oxide. For grinding, smoothing welds, etc. **$3.69**

[N] **CRAFTSMAN 6-pc. Rotary Cutter Set.** Use with Flexible Shafts, electric drills, etc. For milling, carving, deburring, etc. High-speed steel; heat treated. ¼-inch diameter shanks.
9 A 2965—6-pc. set. Wt. 6 oz... **$5.75**

Individual Rotary Cutters. Wt. 3 oz.
9 A 2966—¼-in. cylindrical shape..... **$1.00**
9 A 2967—¼-in. spherical shape..... **1.00**
9 A 2968—⅜-inch eliptical shape..... **1.00**
9 A 2969—¼-in. tree shape (radius end.)..... **$1.00**
9 A 2970—⅜-in. tree shape (pointed end)..... **$1.00**
9 A 2971—¼-in. conical shape. **1.00**

[P] **CRAFTSMAN Wheel Guard.** Fits any Flexible Shaft with 1 5/16-in. diameter hand piece.
9 A 2637—Wt. 1 lb. 2 oz..... **$3.65**

[R] **CRAFTSMAN Wheel Guard.** Fits any Flexible Shaft with 1⅝-in. diameter hand piece.
9 A 2638—Wt. 1 lb. 3 oz..... **$3.65**

[S] **CRAFTSMAN Angle Head.** Ideal for sanding, polishing. Cast aluminum head. Ball bearings take thrust; needle bearings take radial load. Fits only 99 A 02655 and 99 AT 2629.
9 A 2628—Wt. 2 lbs. 8 oz.... **$29.75**

New CRAFTSMAN REG. U.S. PAT. OFF. Sander Polisher Massager

Improved! Twice as much POWER . . Improved! "Dual-arc" motion produces uniform finish

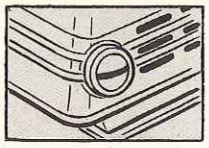
No motor to buy! No oiling! Just plug it in . . and it goes to work . . Dozens of handy uses

Polish your car—amazingly easy!

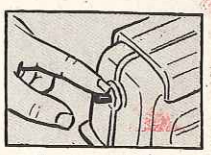
No tiresome pressing! All you do is guide it

Lightweight for vertical sanding

Excellent for body massaging



Stroke adjuster for efficient operation



Handy push-button on-and-off switch

We believe it FAR superior to similar tools

Put away the "elbow grease!" This new, improved CRAFTSMAN Sander-Polisher-Massager turns those tedious, hard-work jobs into child's play. No rubbing! No pressing! No tired arms! Weight of tool does the work, you just guide it. Improved heavy duty reactance type motor gives twice as much power as before . . . does more work faster . . . never needs oiling. Improved "Dual-arc" motion moves sanding platen in an arc, sands both *with* and *across* the grain without leaving scratches. 14,400 strokes per minute turns out super-smooth, uniform finishes. "Dual-arc" motion throws off sanding dust. Stroke adjuster for maximum efficiency.

Use for sanding furniture, woodwork, workshop projects, hard-to-reach corners, tight places, and other fine finishing work. Light enough for vertical sanding without undue fatigue (actual weight 3 lbs. 12 oz.). Puts high gloss finishes on hard or soft woods, plastics, and similar materials. Not for removing paint, varnish, or deep scratches. Uses open coated, lightweight backing type sandpaper no coarser than No. 80. Spring clamp holders let you change sandpaper or polishing pads in a few seconds.

Use for buffing and polishing your car, furniture, woodwork, silverware; for surfaces that are shellacked, varnished, painted, enameled, waxed—even shoes! Excellent for body massage (using either lamb's wool or velour pad).

Approved by Underwriters' Laboratories . . . the entire tool, not just the cord! Die cast housing. Gray baked enamel finish. Bakelite handle. Plug and 8-ft. cord with reinforced sleeve at strain point (next to tool). Can be used with any ordinary extension cord. Length 5½-in., width 2½-in., height 4½-in. For 110–120 volt 60-cycle A.C. only. With 9 extra sanding sheets (3 each fine, medium, coarse), a lamb's wool polishing pad, a velour polishing pad, and complete instructions. Order yours today!

9 A 2627—Shipping weight 4 pounds 6 ounces.....**$16.50**

9 A 2782—**Extra lamb's wool polishing pad.** Shpg. wt. 2 oz.....45c

9 A 2783—**Extra velour polishing pad.** Shpg. wt. 2 oz. 25c

9 A 2784—**Extra sanding sheets.** Fine, medium, or coarse. *State grit.* Shpg. wt. 2 oz. Package of 12 of any one grit.....10c

SEARS EASY PAYMENT PLAN

It is possible to equip a complete power tool workshop for only a few dollars down on Sears Easy Payment Plan. You can carefully plan your shop and buy all the tools you need NOW . . . all at one time . . . and pay for the shop while you are using it. You can buy anything in this catalog on Easy Terms if your purchase totals $20 or more. It takes only a 10% down payment with your purchase, and the balance in convenient monthly payments. See the table below for the amount of monthly payments. Any of our sales people will be glad to give you further information about Sears Easy Payment Plan.

If unpaid balance amounts to	We shall add for Easy Payments	Amount monthly is
Up to $22.00	$1.75	$5.00
$22.01 to 24.00	2.00	
24.01 to 26.00	2.25	
26.01 to 28.00	2.50	
28.01 to 30.00	2.75	
30.01 to 33.00	3.00	
33.01 to 36.00	3.30	
36.01 to 40.00	3.60	
40.01 to 45.00	4.00	
45.01 to 50.00	4.50	
50.01 to 55.00	5.00	
55.01 to 60.00	5.50	6.00
60.01 to 65.00	6.00	
65.01 to 70.00	6.50	7.00
70.01 to 75.00	7.00	
75.01 to 80.00	7.50	8.00
80.01 to 85.00	8.00	
85.01 to 90.00	8.50	
90.01 to 95.00	9.00	9.00
95.01 to 100.00	9.50	
100.01 to 110.00	10.00	10.00
110.01 to 120.00	11.00	

If unpaid balance amounts to	We shall add for Easy Payments	Amount monthly is
$120.01 to $130.00	$12.00	$10.50
130.01 to 140.00	13.00	
140.01 to 150.00	13.50	11.00
150.01 to 160.00	14.00	
160.01 to 170.00	14.50	12.00
170.01 to 180.00	15.50	
180.01 to 190.00	16.50	13.00
190.01 to 200.00	17.50	
200.01 to 210.00	18.00	13.50
210.01 to 220.00	19.00	
220.01 to 230.00	20.00	14.00
230.01 to 240.00	21.00	14.50
240.01 to 250.00	22.00	15.50
250.01 to 260.00	23.00	16.00
260.01 to 270.00	24.00	16.50
270.01 to 280.00	24.50	17.00
280.01 to 290.00	25.00	17.50
290.01 to 300.00	26.00	18.50
For balances over $300 consult any Sears salesperson		

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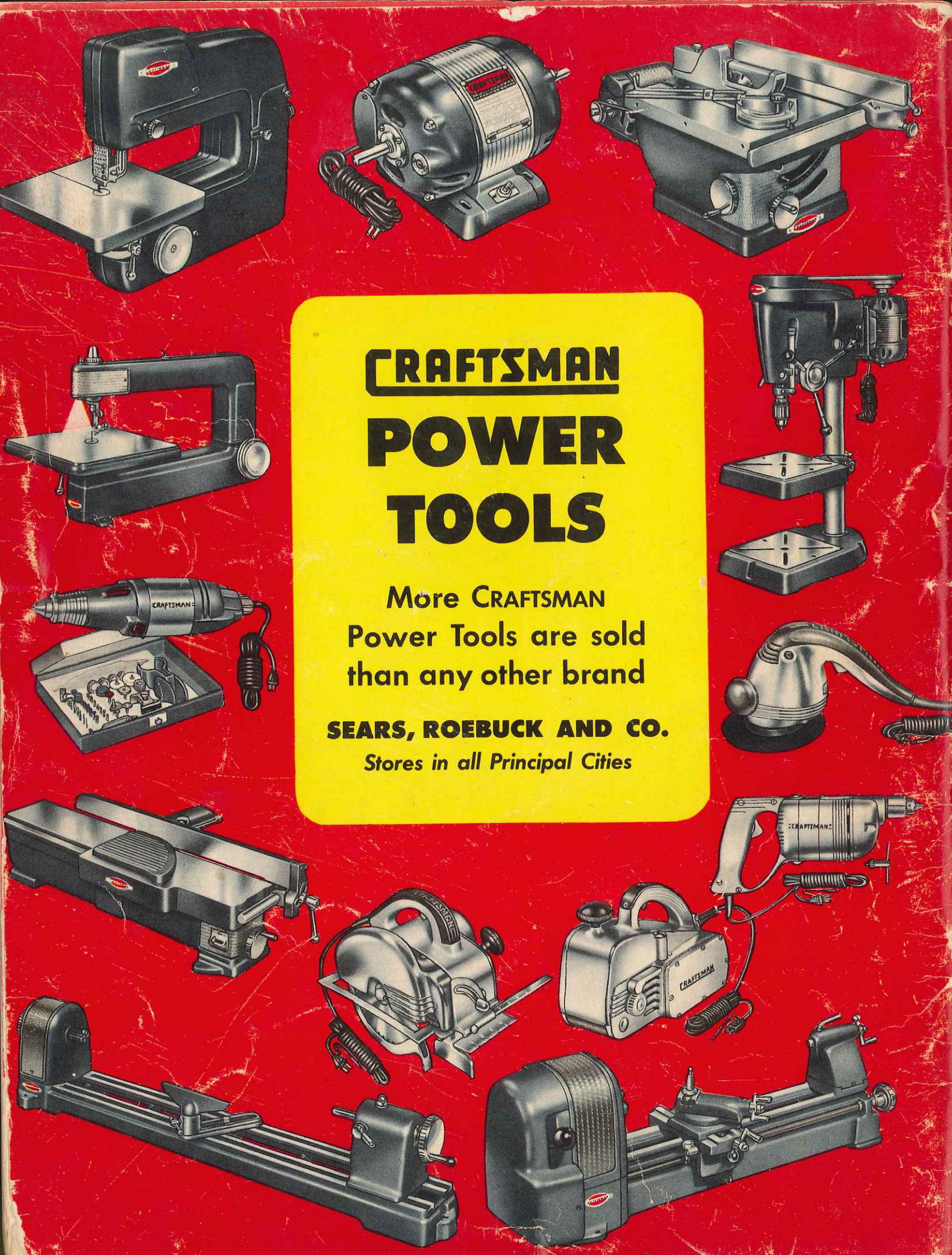
SEARS GUARANTEE

We guarantee that every article in this catalog is honestly described and illustrated . . . We guarantee that any article purchased from us will give you the service you have a right to expect . . . If for any reason whatever you are not satisfied with any article purchased from us, we want you to return it to us . . . We will then exchange it for exactly what you want, or will refund your money.

SEARS, ROEBUCK AND CO.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